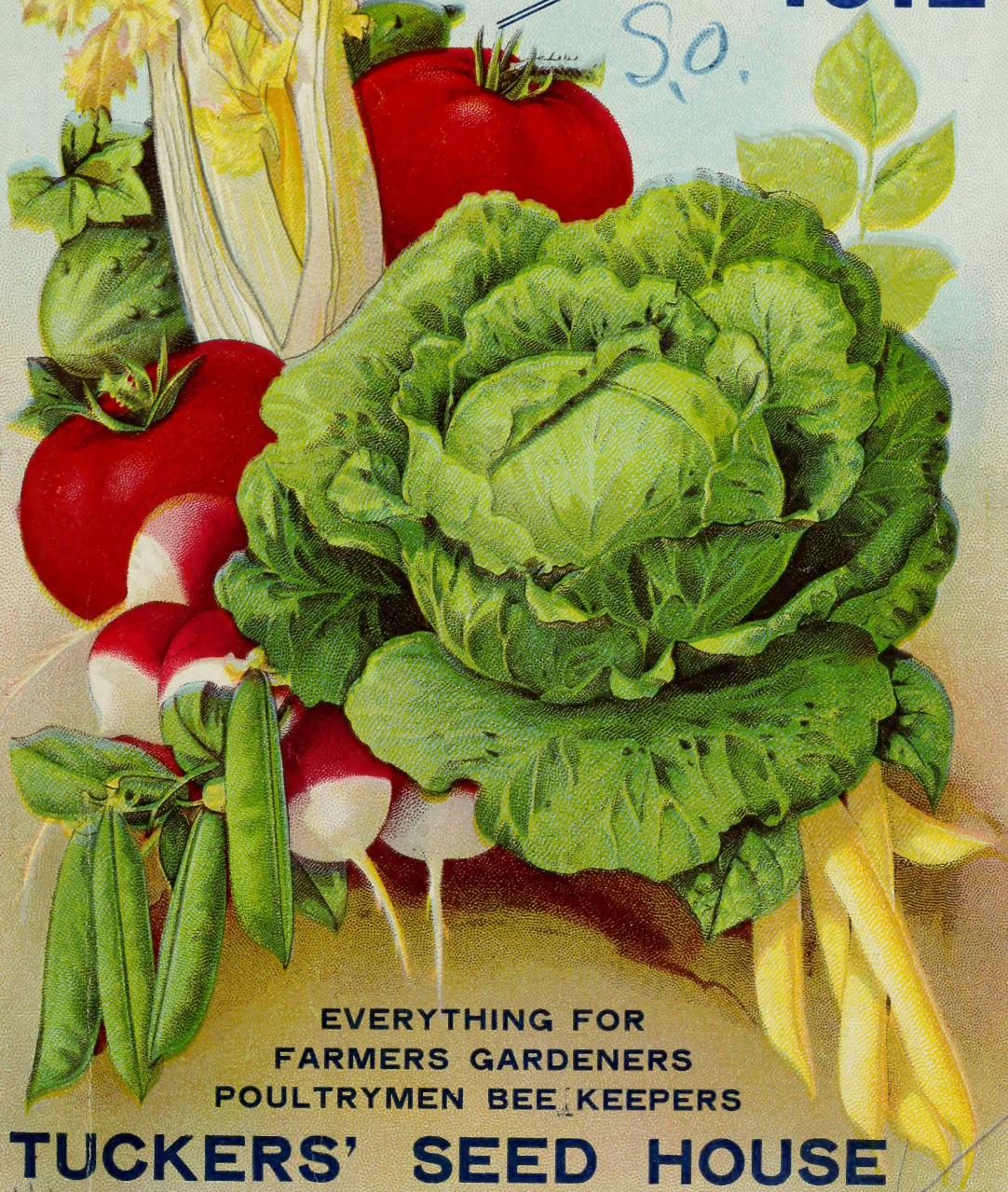


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EVERYTHING FOR
FARMERS GARDENERS
POULTRYMEN BEE KEEPERS

TUCKERS' SEED HOUSE

CARTHAGE, MISSOURI

TO OUR FRIENDS AND PATRONS

IN presenting our Annual Catalog, we desire to thank our customers for the largely increased patronage we have again enjoyed during the past year. This constantly increasing trade which it has been our good fortune to enjoy is the best evidence of the fact that our seeds and methods of business are alike satisfactory and profitable to our customers. Our constant aim is to furnish only seeds and supplies that are strictly first class in every way.

We wish all of our customers a prosperous New Year and respectfully solicit a continuance of your orders.

Carthage, Mo.
Jan. 1, 1912.

Most sincerely yours,
TUCKERS SEED HOUSE,
per Earl J. Tucker, Gen. Mgr.

GENERAL INFORMATION AND TERMS OF SALE

Our terms are cash with order.

How to Send Money. Money can be safely sent by Bank Check, Postoffice Order, Express Money Order, Registered Letter or Express. Postage Stamp remittances in small amounts are also satisfactory. Customers who have no regular account with us will kindly remit the amount with their orders, or name business references, as customary before opening new accounts.

Seeds by Mail, Postage Paid. At prices quoted postpaid, we deliver the seeds at our expense to any postoffice in the United States. Where not quoted postpaid, if seeds are to be sent by mail, add 8 cents per pound to cover postage. On beans, corn and peas, the postage is 8 cents per pint, 15 cents per quart extra.

Seeds by Express. By special agreement the Express Companies will carry seeds and plants from Carthage to all points in the middle west at a rate of twenty percent less than usual merchandise rates.

Lower Freight Rates and Quick Shipments. For large orders, shipments by freight are much cheaper than by express.

Fluctuations in Prices. Seed Potatoes, Onion Sets, Grass and Clover seeds, Seed Grain, and other field seeds, fluctuate in price, depending upon market conditions and supplies. The prices given in this catalog are those ruling at the time it is issued, the middle of December. We shall take pleasure at any time in quoting prices on request, or will fill all orders entrusted to us at as low prices as possible for first-class seeds.

About Warranting Seeds. While we use great care, both for our own and our customers' interests, to supply and furnish the best seeds that it is possible to obtain, there are so many conditions—weather and other causes—affecting the growth of seeds and the out-turn of crops, that it must be distinctly understood that all our seeds are sold under the conditions in regard to non-warranty of seeds which have been generally adopted by the seed trade, and which are as follows:

"We give no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned."

Some of the **REASONS WHY**

U. S. Cream Separators

ARE THE BEST IN THE WORLD

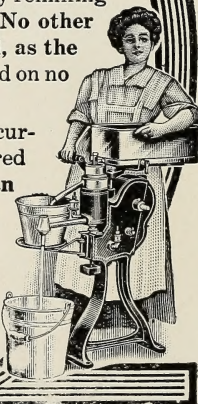
The United States Separator employs a feeding device to deliver the whole milk beyond the cream zone—preventing any remixing of cream and skim milk and any conflict of currents. **No other device of any other separator will do this work so well, as the records show.** This device is patented, and can be used on no other separator.

The United States uses non-aligned channel for the currents of milk through the separator bowl. This is covered by strong patents. **No discs or other construction can equal its perfection in separation.** It holds the world's record for *closest skimming.*

The United States skims cleaner, runs easier, washes easier, and lasts longer than any other separator.

Ask the man who runs one.

Ask us to prove it.



THE CELEBRATED UNITED STATES CREAM SEPA- RATORS

**Write us for Special
U. S. Catalogue. It's
free, for the asking.**

Carthage, Mo., R. R.
No. 4. Sept. 1, 1911.

My U. S. Separator
is all O. K. I don't
think it could be better.

J. T. SMITH.

Oronogo, Mo.,
Dec. 20, 1911.

The U. S. Separator
purchased from you is
doing fine work. It
runs easily, skims
close, and is first class
in every way.

T. J. ALLSBURY.

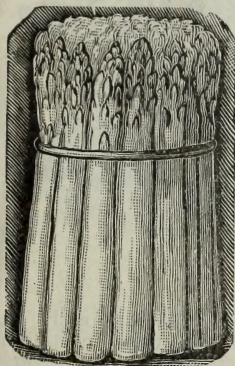
Tuckers' Seed House Agents.

Quality Vegetable Seeds

Our stocks of vegetable seeds cannot be excelled for quality. Every variety listed has been carefully tested for germination and have been produced by seed growers who by years of careful selection and study, gained a world wide reputation in their respective lines. Results speak louder than words. Mail us a trial order this season and let the seeds speak for themselves.

ASPARAGUS

One ounce of seed will sow 60 feet of drill culture, soak the seed 4 hours in tepid water, sow early in spring in rows one foot to 16 inches apart, keep clean from weeds and grass. After the tops turn yellow in the fall, cut them off and remove from the bed. Cover the beds in the fall with about 4 inches of rotted manure or leaves.



Columbia Mammoth White—The most distinct and valuable asparagus. The immense shoots are clear white, and in favorable weather remain so until three or four inches above the surface. The crown or bud of the young stalk is considerably smaller than the part just below it, thus further distinguishing the variety. All but a few of the seed-

ings will produce clear, white shoots and the green ones can be readily distinguished and rejected when setting the permanent bed. **Pkt. 5 cents. Ounce 10 cents. 1-4 pound 20 cents. Pound 50 cents.**

Conover's Colossal—A standard variety of large size and delicious quality. Certainly one of the best varieties grown. **Pkt. 5 cents. Ounce 10 cents. 1-4 pound 20 cents. Lb. 50 cents.**

Asparagus Roots—The purchase of roots two years old will save two years' time. Best two year roots of the above varieties, **dozen 30 cents postpaid. Not postpaid 50-75c; hundred \$1.25.**

Quantity of seed Required for a Given Length of Drill

Asparagus	1 oz. to 60 feet of drill
Beet	1 oz. to 50 feet of drill
Bean, dwarf	1 oz. to 100 feet of drill
Carrot	1 oz. to 100 feet of drill
Endive	1 oz. to 100 feet of drill
Okra	1 oz. to 40 feet of drill
Onion	1 oz. to 100 feet of drill
Onion Sets	1 qt. to 20 feet of drill
Parsley	1 oz. to 125 feet of drill
Parsnips	1 oz. to 150 feet of drill
Peas	1 qt. to 100 feet of drill
Radishes	1 oz. to 75 feet of drill
Salsify	1 oz. to 70 feet of drill
Spinach	1 oz. to 75 feet of drill

Average Quantity of Seed Sown to An Acre in Drills

Dwarf Beans	1½ bushels
Navy Beans	¾ bushels
Early Peas	1½ bushels
Marrofat Peas	1½ bushels
Beets	4 to 5 pounds
Carrots	2 to 3 pounds
Onions	4 to 5 pounds
Onions for Sets	50 to 60 pounds
Onion Sets	300 to 350 pounds
Potatoes (cut tubers)	8 bushels
Parsnips	4 to 5 pounds
Radishes	6 to 8 pounds
Rutabagas	1 to 1½ pounds
Spinach	10 to 12 pounds
Salsify	6 to 8 pounds
Turnips	1 to 1½ pounds

FREE SEEDS, OR DISCOUNTS FOR LARGE ORDERS

BULK SEED DISCOUNT

On orders amounting to \$5.00 deduct 10 per cent.

On orders amounting to \$10.00 12 per cent.

On orders amounting to \$15.00 15 per cent.

Providing you use the prices given in this book and do not include any Field Seeds, Grass Seeds, Potatoes, Onion Sets, Poultry Supplies, etc., on which we only give lowest net prices at time Catalogue is issued.

PACKET AND OUNCE SEED DISCOUNT

For 25c we send 30c worth of seeds, pkt., or ounce.

For 50c we send 65c worth of seeds, pkt., or ounce.

For \$1.00 we send \$1.30 worth of seeds, pkt., or ounce.

In taking advantage of our packet and ounce discount no larger quantity than packets or ounces of any kind can be included.

Free Seeds—In addition to the above discounts we make a rule of throwing in extra packets where liberal orders are sent in.

GREEN PODDED BUSH BEANS

Postage on Beans 8 cents per pint or 15 cents per quart, extra. We prepay packages.

Tuckers' Favorite

Without exception, the finest Greenpod Bush Bean offered.

Of recent introductions to the seed Trade it will hold its own, with all new introductions for years to come. Vine prolific, foliage dark green with leaves large and crumpled. Pods long, flat, irregular in shape and bright green. The finest quality imaginable. Seed medium size, oval, flat, yellowish brown in color.

This bean is certainly the acme, in Green Poddied Bush Beans. Order early, our supply of this bean is limited. Pkt. 10c., Pt. 20c., Qt. 35c., Gal \$1.10.



Tuckers' Favorite

Burpee's Stringless Green Pod.

One of the finest extra early Beans in cultivation and one that has held its place in spite of many new introductions for which superior qualities were claimed. It produces in profusion long, straight, round, deeply-saddlebacked pods early in the season. The pods are absolutely stringless at all stages of growth, brittle, tender and of real good flavor. Pkt. 10c., Pt. 15c., Qt. 25c., Peck \$1.50, Bu. \$5.00.

Early Round Pod Red Valentine—Usually ready to pick in 35 days after planting. Pods round, thick, fleshy, of fine quality, and unequalled uniformity of ripening: one of the most profitable sorts for market gardeners.

Refuge or 1000 to 1.—One of the earliest of green poddied sorts; used for pickling; pods long cylindrical; prolific.

Giant Stringless Green Pod.—This Bean has a much larger pod than B's Stringless, or about one-third larger than the Valentine—average 5 inches long. Full and fleshy, extremely crisp and absolutely stringless; very early and prolific.



HENDERSON'S DWARF LIMA

Extra Early Longfellow—A new extra early variety with perfectly round and uniformly straight pods; very fleshy, long, brittle and without strings when broken, flavor delicious, very prolific; plants very strong and compact in growth. Adapted to the South and long distance shipping.

Long Yellow Six Weeks—An old favorite. Early and very productive. Pods long, flat and of good quality. Our seed of this variety is especially good this season.

Price of all Beans on this page except where noted, Pkt. 10c., Pt. 15c., Qt. 25c., Pk. \$1.25., Bushel \$4.90.

California Bunch or Prolific Tree—A valuable variety for field culture, 20 inches high, stiff, upright branches, often yields 45 bushels to the acre. The bean resembles the white navy. Per Pkt. 10c., Pt. 15c., Qt. 25c., Pk. \$1.20., Bu. \$4.

DWARF LIMA BEANS

Henderson's—The earliest of the Bush Limas—Grows in compact bush form and produces large crops of delicious beans, they are small in size. Of high table merit, and a favorite for the home garden on account of its delicious flavor and great productiveness. Ripens very early and bears until frost.

Burpee's—The only bush form of the true, luscious large lima. It is pronounced by all good judges as unquestionably the real Bush Lima. The bushes grow eighteen to twenty inches high, of stout growth and always erect. It is an immense yielder.

Dreer's—The true bush form of the chubby Dreer's or Potato Lima. The pods are heavy and thick. It is quite productive and of excellent quality.

All Lima Beans, Pkt. 10c., Pt. 15c., Qt. 25c., Pk. \$1.75, Bu. \$6.50.

Half pecks Beans, Peas and Sweet Corn at peck prices

Yellow or Wax Podded Bush Beans

TUCKERS' PREMIUM WAX

Introduced in 1908 and has proven itself the best allround Wax Bush Bean ever offered the public.

The bush is very hardy, stands upright, and holds its dozens of fine fleshed, yellow pods, clear of the ground. Pods are full and extraordinarily fleshy, rust proof. Very prolific and early.

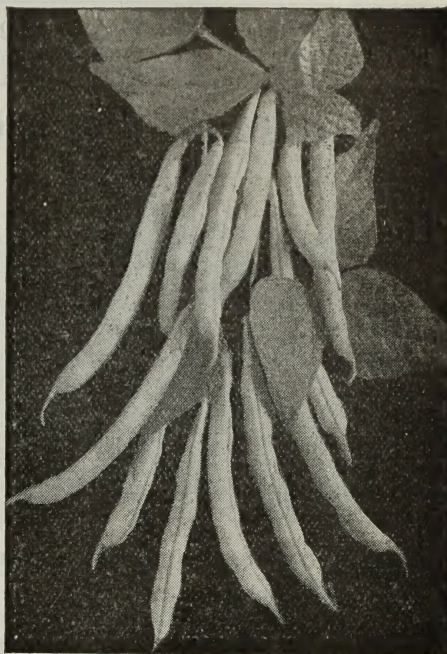
If a lover of a wax pod bean, this one will certainly surprise you with its fine flavor. **Pkt. 10c., Pt. 20c. Qt. 35c., Gal. \$1.10, Peck \$2.**

Crystal White Wax—Distinct but not strictly a wax bean. Vines large, spreading, very productive. Leaves small. Pods greenish white with silvery shade, short, curved, round or thicker than wide, with crease in the back; very fleshy and brittle. Late maturing and very desirable for pickles. Seed very small, oval white.

Violet Flageolet Wax—Known also as Perfection Wax. Pods very large, long and somewhat twisted. When well grown it is one of the most showy of wax beans. Seed large, flat, dark violet.

Davis White Wax—A white variety desirable as a string bean; also used as a shell bean when dry.

Wardwell's Kidney Wax—Hardy and productive, pods long, broad, thick, flat, and of a delicate waxy yellow, of excellent quality and with no string in the early growth, ready for table 48 days from planting



Tuckers' Premium Wax

Pencil Pod Yellow Wax

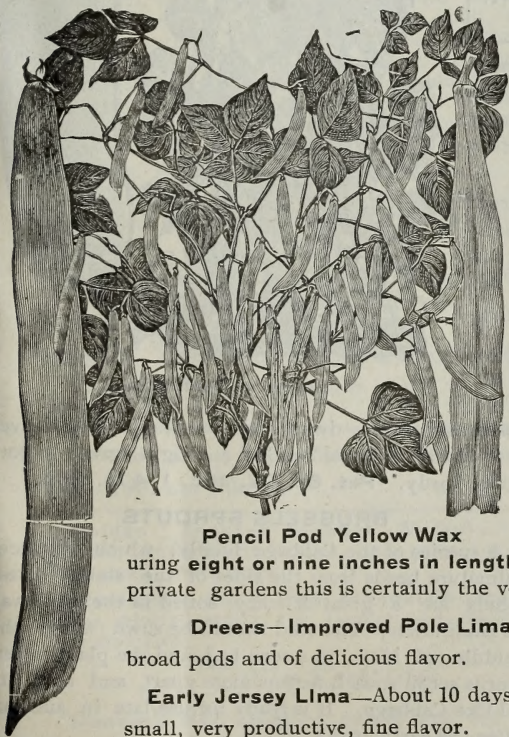
Although hardy, it is absolutely stringless, tender and of a most luscious quality; pods smooth, perfectly round, and straight as a lead pencil. In points of vigor, hardiness and prolificacy, no other sort equals it. It stands in a class by itself. We offer it as the best Market Gardener's Wax Bean to date. We have sold this bean for several years with the best of satisfaction under all conditions.

Improved Golden Wax—Rust proof, an improvement on the old style Golden Wax. Pod is semi-round, yellow, of good quality. Ready for picking 47 days from planting.

Price of all beans on this page except where noted
Pkt. 10c., Pt. 15c., Qt. 25c., Pk. \$1.35, Bu. \$5.

POLE LIMA BEANS

King of the Garden Lima—Undoubtedly this is more extensively grown than any other sort of its class. It is a **heavy yielder on all sorts of soil**, and is of excellent flavor. The pods are of enormous size, measuring



Pencil Pod Yellow Wax measuring **eight or nine inches in length**, and containing as many as **eight or nine beans**. For private gardens this is certainly the very best Pole Lima.

Dreers—Improved Pole Lima. One of the best of the Pole Lima's. Very productive, broad pods and of delicious flavor.

Early Jersey Lima—About 10 days earlier than any other Pole Lima listed. Beans rather small, very productive, fine flavor.

All Lima Beans, Pkt. 10c., Pt. 15c., Qt. 25c., Pk. \$1.75, Bu. \$6.00.

POLE BEANS

Add 8 cents per Pint, 15 cents per Quart for postage. We prepay packets. Our packets contain liberal quantities, enough for an ordinary sized family.

Tuckers' Perfection Wax

The Finest Yellow Poddled Pole Bean ever introduced.

Pods are long and so thick and fleshy that they are frequently greater in thickness than in breadth, they are meaty and entirely stringless. The vines commence to bear when scarcely higher than the average bush variety and bear until killed by frost.

It is a vigorous grower, one plant filling a pole with a mass of vines, densely loaded with the beautiful golden yellow pods. We offer you this bean as being absolutely at the top in Pole Beans. Price **Pkt. 10c, Pint 20c, Qt. 35c, 4 Qts. \$1.25.**

KENTUCKY WONDER, OR OLD HOMESTEAD

An old favorite, with long, fleshy, deeply saddle-backed pods. Very prolific, producing an abundance of fine, stringless, crisp beans until late in the season. Of best quality.

Crease Back or Fat Horse—Wonderfully productive, pods long and stringless, bears 4 to 12 pods in a cluster.

All Pole Beans except where noted. **Pkt. 10c, Pt. 15c, Qt. 25c, Pkt. \$1.75, Bu. \$5.90.**

Dutch Case Knife. Vines moderately vigorous, climb-well and excellent for a corn hill bean; leaves large, crumpled, and pods very long, flat, green in color, becoming creamy white later. Beans broad kidney shaped, flat, and white in color.

Horticultural or Speckled Cranberry—Short, broad green pods, which become streaked with red when nearly ripe. As a shell bean, either green or dry, it cannot be surpassed in quality. The beans are large and easily shelled.

Cut Short or Corn Hill—An old popular sort for planting among corn.

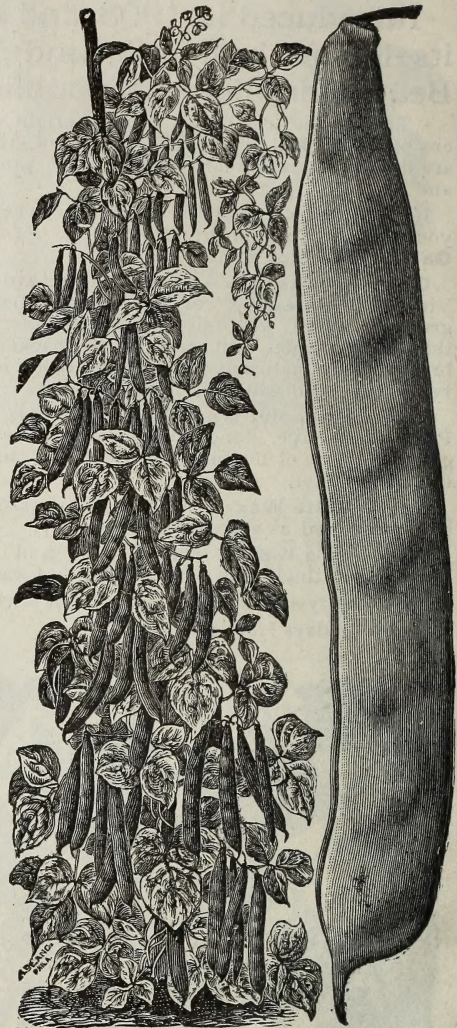
LAZY WIFE

Prolific sort, with handsome, entirely stringless pods. They measure from 4 1-2 to 6 inches in length, are thick and fleshy, and retain their rich, tender and luscious quality until nearly ripe. The white, dry seeds make excellent winter shell beans. Extends the season considerably. **Pkt. 10c, Pt. 15c, Qt. 25c, Pk. \$1.90, Bu. \$6.50.**

BORECOLE OR KALE

Kale, or German Greens, do not form heads, but furnish an abundance of pretty curled leaves that are highly prized as food. Sow from the middle of April to the beginning of May, transplant and cultivate like Cabbage. Will endure considerable frost without injury. **One ounce of seed sows 200 feet of drill. 4 pounds sows an acre.**

Dwarf Green Curled German Greens, or



Tucker's Perfection

sprouts—Is very dwarf and spreading. The leaves are beautifully curled and of a bright green color. Quite hardy. **Pkt. 5c, Oz. 10c, 1-4 lb. 20c.**

BRUSSELS SPROUTS

A species of the Cabbage family, which produces miniature heads from the sides of the stalk. These heads are a great delicacy, boiled in the same way as cauliflower; The seed should be sown about the middle of May, in a seed bed, and the plants afterwards set in rows 2 feet or more apart, and cultivated like Cabbage. It is ready for use late in autumn after the early frosts.

Improved Dwarf—Produces compact sprouts of the finest quality; a good keeper. **Pkt. 5c, Oz. 10c, 1-4 Lb. 20c.**

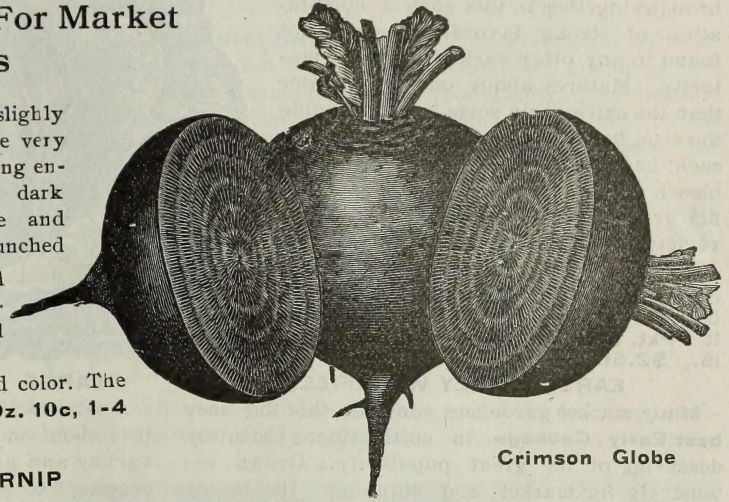
SELECT GARDEN BEETS

Beets grow best in moderately rich, light loam. Sow the seed as soon as the ground becomes fit to work, in drills 18 inches apart, 1 inch deep.

Crimson Globe Beet

The Money Maker For Market Gardeners

A quick seller, smooth skinned, slightly oblong, deep crimson color, and of the very finest quality, sweet and tender, being entirely free from stringiness. Small, dark bronzed foliage, admitting of close and easy culture. When washed and bunched for market the rich color and oval shape make them very attractive. Our illustration shows the beautiful variegation of the cut beet, yet, when cooked, it is of an even, solid dark red color. The very best for home use. **Pkt. 5c, Oz. 10c, 1-4 Lb. 35c, Lb. \$1.15.**



Crimson Globe

DETROIT DARK RED TURNIP

This superb variety is probably the most popular deep red turnip Beet, not only for market gardeners, but for home use. It is also one of the best for canning, making a strikingly handsome product, far superior to that obtained from any other variety. Its small top, early maturing and splendid shape and color have made it a favorite. Top small, upright growing, so that the rows may be close together; leaf stem and veins dark red, blade green; root globular and very smooth; color of skin dark blood red; flesh deep bright red, zoned with a darker shade, very crisp, tender and sweet, remaining so for a long time. Very uniform in shape, color and quality. **Pkt. 5c, Oz. 10c, 1-4 lb. 35c, Lb. \$1.15.**

Early Bassano—Very early flat sort, tender, juicy; flesh white and rose colored, circled with pink; very sweet.

Crosby's Egyptian—A very superior beet, good size, few small tops, very small tap root, fine quality and above all, quick rapid growth.

BEETS. FOR SUGAR AND STOCK FEEDING

Vilmorin Improved Sugar—Very valuable as a sugar producing beet.

Prices of all sugar beets. Pkt. 5c, 1-4 Lb. 15c, Lb. 30c.

Golden Tankard Mangel Wurzel—A bright yellow; handsome and sweet, and very productive; tops small, roots large.

Mammoth Long Red Mangel-Wurzel—Very large, selected strain, the largest and finest roots. The standard.

Table Carrots

Danver's Half Long—A rich orange red variety very smooth and handsome, producing very large crops. It is an excellent market variety. Tops are of medium size and coarsely divided. Roots taper

Early Eclipse—One of the best table beets, almost as early as the Egyptian and **much superior in quality.** Has small tops and is smooth, fine grained and tender. Color, bright red; sometimes with lighter zones.

Half-Long Blood Red—Of handsome shape, fine quality, quick growth; good for winter use if planted late.

Extra Early Egyptian—Of flattened shape and dark red color, not large but extremely early. Of good quality when young and tender.

Early Blood Turnip—The old standard. A good summer and autumn variety.

Long Smooth Blood—The standard in long beets for table use.

Prices of all Beets listed except where noted. Pkt. 5c, Oz. 10c, 1-4 Lb. 30c, Pound \$1.



to a blunt point. Flesh is sweet crisp, and tender. Will produce more bulk to the acre than the larger field varieties. **Pkt. 5c, Oz. 10c, 1-4 Lb. 25c, Lb. 55c.**

Long Orange—An improved and pure strain, producing roots of the largest size and superior quality. Colors a deep orange, flesh very tender. One of the best varieties for home garden or market. **Pkt. 5c, Oz. 10c, 1-4 Lb. 25c, Lb. 55c.**

All varieties carrot by freight or express, not prepaid, 1-4 Lb. 20c Lb. 50c.

Good Cabbage Seed is one
of our hobbies

CABBAGE

We pride ourselves on the
quality of this seed we handle

AMERICAN GROWN SEED

Early Wonder Cabbage

The best early cabbage that can possibly be grown. Constant selection has brought together in this sort, a combination of strong favorable points not found in any other variety of early maturity. Matures about one week later than the extra early sorts, but has double the size, heads average 7 to 9 pounds each; heads pointed, solid, crisp and bleach finely. It is exceedingly tender, fine grained and as a cropper, no early variety approaches it.

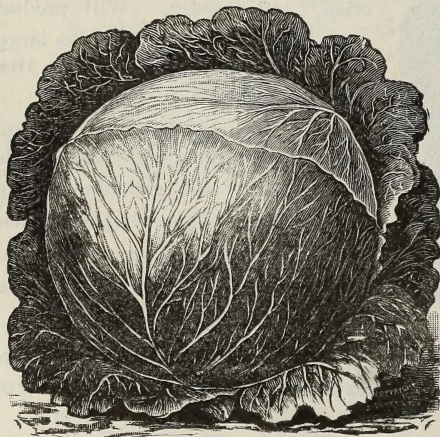
We give this variety our special recommendation. If you try this new cabbage this season, you will always want it. **Pkt. 10c.; oz. 30c.; 1-4 lb. 90c.; lb., \$2.50.**

EARLY JERSEY WAKEFIELD

Many market gardeners consider this the **very best Early Cabbage** in cultivation. Certainly deserving of its great popularity. Grown extensively for market and shipping. Its merits are many, among which are large heads for an early sort, small outside foliage and uniformity of crop. Pyramidal in shape, having a blunted or rounded peak; very solid, fine texture and sweet. **The seed we offer is first class**, sure to give satisfaction. **Pkt. 5c, oz. 25c, 1-4 lb. 50c lb. \$1.50.**

Early Winningstadt, The Old Standby—Well-known and popular Cabbage. In season very close to Early Jersey Wakefield. Heads large, decidedly conical. Solid, even in summer; almost worm-proof, because so hard. A very sure header.

All-head—A thoroughbred sort of remarkably uniform size and shape and sure heading qualities. Deep, flat heads, solid and uniform in color, shape and size. In tenderness unsurpassed. For winter use, sow in July. By reason of its compactness, 1000 more heads can be obtained from an acre than of many other good sized varieties.



LARGE CHARLESTON WAKEFIELD

A selection from Early Jersey Wakefield, only it is about one week later than that popular early variety and grows much larger, heads often averaging 8 to 10 lbs. As solid as Early Winningstadt. **Pkt. 5c, oz. 25c, 1-4 lb. 50c, lb \$1.50.**

Henderson's Early Summer—The earliest large hard-heading variety—Large, flat or slightly rounded heads. Stands longer without bursting than most early sorts. Valuable for both market and family.

All varieties cabbage except where noted,
Pkt. 5c, oz. 20c, 1-4 lb. 40c, lb. \$1.35.

Early Flat Dutch—An old variety, but still popular. It succeeds anywhere. It belongs to the second early class and produces large, solid, flat heads of uniform shape and handsome appearance; when fully developed they frequently weigh 12 to 15 pounds each. The heads are fine grained and dainty flavor.

All Seasons—One of the best of this class. Ready for market only a few days later than Early Summer, but it grows much larger. The heads are firm, solid, and of good flavor.

Premium Late Flat Dutch—The standard variety; a sure header and a good keeper. Many gardeners depend entirely upon this variety for winter cabbage.

Sure Head—A popular strain of the Flat Dutch type. Heads are large, round, flat on top, very hard and fine in texture. Aptly named, as it is always a "sure header."

Large Late Drumhead—A good standard winter variety largely grown for main crop. Large solid heads, always reliable as a header; of good quality.

Collards—A form of cabbage much grown in the South. The plants are thickly set with large spreading leaves. The growth at the top is very tender and delicate in flavor. Culture the same as cabbage.

Georgia, the standard variety, **Pkt. 5c, oz. 10c, 1-4 lb. 25c.**

CAULIFLOWER



Early Snowball

specialist and cannot be surpassed. Pkt. 10c, 1-2 Oz. \$1.25, Oz. \$2.00.

Cauliflowers delight in a rich, moist soil, and in dry seasons should be abundantly watered, especially when heading. Sow the seed early in the hotbed and transplant the plants 2 to 3 inches apart in boxes or in another hotbed until such time as they are safe to be planted in the open ground, which in this latitude is usually the 1st of April. Set the plants in the field 15 by 24 inches apart.

Erfurt Earliest Dwarf—This variety will stand the test with any extra early sort. It is very dwarf in habit, producing pure white heads of great solidity and finest quality; quite desirable for forcing or for planting in open ground. For a general all-round market garden variety we can highly recommend the Erfurt strain. Pkt. 15c, 1-4 Oz. 75c, Oz. \$2.50.

Early Snowball—The best variety for general use. Of dwarf habit, and produces fine, large, white heads in a very short time. Always tender and sweet. An excellent sort for either spring or fall planting. Our seed is grown in Denmark by a

CELERY

Seed should be sown in April in a hotbed or in flat boxes, filled with clean, mellow loam. Sow broadcast or in rows and cover with about one-eighth inch of fine soil or sand, pressing it down firmly. Keep the soil moist constantly. When plants are fairly out of seed leaf, transplant into another bed or boxes, or thin out to 2 or 3 inches apart. Plant into the open ground by end of May or beginning of June. One ounce will sow 300 feet of drill.

GOLDEN SELF-BLANCHING

This is the most popular and best yellow Celery for early use. In nearly all markets it is the leading sort. The stalks are much broader and heavier than those of the white varieties and greatly superior in quality. It is ready for use nearly as early as any other sort and produces dwarfier and much larger bunches with broad heavy stalks which blanch into a deeper golden yellow color than than the other varieties. The color is very handsome, stalks are crisp, tender and free from stringiness. It is the standard of excellence in the yellow variety. Pkt. 5c, Oz. 20c, 1-4 Lb. 60c, Lb. \$2.00.

Giant Paschal—One of the largest varieties grown, often attaining the immense height of two and one half feet. Stalks very tender and sweet; also very hardy, often standing freezes which completely kill other varieties. Market gardeners, you will make no mistake in planting this variety. Pkt. 5c, Oz. 20c, 1-4 Lb. 50c, Lb. \$1.60.

White Plume—The most desirable variety for either home or market use. It self-blanches beautifully, the stalks are crisp, succulent and of delicious flavor, and no variety makes as handsome an appearance on the table. Pkt. 5c, Oz. 20c, 1-4 Lb. 50c, Lb. \$1.60.



GOLDEN SELF-BLANCHING CELERY

The most popular of the early Celeries. Our seed selected stock producing large heavy stalks, blanching to a deep golden yellow.

CELERAIC, OR TURNIP-ROOTED CELERY

Grown exclusively for its roots, which, when cooked, sliced and used with vinegar, make a fine salad.

Giant Smooth Prague—The best variety; large and smooth roots; excellent keeper. Pkt. 5c, Oz. 15c, 1-4 Lb. 40c. Lb. \$1.40.

CHOICE SWEET OR SUGAR CORN

ADD 8c PER PINT, 15c PER QUART FOR POSTAGE. WE PREPAY PACKAGES

Absolutely the Whitest and Sweetest Sugar Corn Known

SWEETHEART SUGAR CORN

We will stake our reputation on this new white sugar corn. The ears are large measuring 8 to 9 inches long, thick through, with ten or more rows of plump and purest white kernels, that are of most deliciously sweet flavor. Stalks average 6 feet tall, broad leaved and very strong growing. Sweetheart sugar corn is not an extra early variety, but a medium early main crop variety. It has been our experience that most of the extra earlies are not worth having when grown, as the ears are very small and shallow grained. We especially recommend this new corn for your home garden this season, and know positively that you will be more than pleased with the result. Market gardeners give this new variety a trial, it is sure to please you. **Pkt. 10c, pint 15c, quart 25c, 4 qts. 90c, bu. \$5**

White Mexican—Surely the best early sweet corn offered by anyone. Do you know the marvelous sweetness of the old Black Mexican? You like its taste, but dislike its color. Well, we have something finer in every way, superior in sweetness, a pure ivory white color, large as the Minnesota. It was ready for table use last year in 55 days. We know of nothing its equal for the market gardener. If you want the finest market gardener's corn known, plant White Mexican. **Pkt. 10c, pt. 10c, qt. 20c, Peck \$1.10, bu. \$4.**

Black Mexican—A medium early variety growing about six feet in height; ears eight inches long, well filled with eight rows of large, rather flat grains, which are deep bluish purple, of superlative sweet flavor. **Pkt. 8c, pt. 10c, qt. 15c, pk. \$1.00, bu. \$3.90.**

Extra Early Adams—Hardest and earliest variety, but not a sweet corn. Stalks three to four feet high, **pkt. 8c, pt. 10c, qt. 15c, peck 90c, bu. \$3.25.**

Adams' Early—Very early market variety, ears good size. Price same as Extra Early Adams.

NEW WHITE EVERGREEN

One of the finest Sweet Corns in the world. Ears are very large with long, slender grains; delicious, sweet flavor, **pkt. 8c, pt. 10c, qt. 20c, pk. \$1.10, bu. \$4.00.**

Golden Bantam

Extremely early yellow, eight rowed variety of delicious flavor. Very sweet, **pkt. 8c, pt. 15c, qt. 25c, pk. \$1.10, bu. \$4.00.**

STOWELL'S EVERGREEN

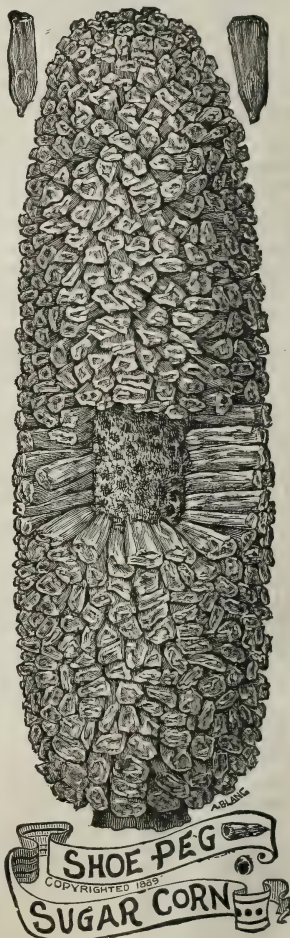
A very sweet, late, remaining a long time in boiling condition, very productive, having very large ears, **pkt. 8c, pt. 10c, qt. 20c, peck \$1.00, bu. \$3.90.**

SHOE PEG OR COUNTRY GENTLEMAN

Productive, frequently three ears to the plant. Ear large; grain narrow and very deep, **pkt. 8c, qt. 10c, qt. 20c, peck \$1.10, bushel \$4.00.**

MAMMOTH EVERGREEN— LATE

The largest ear of any. Ripens a little later than the Stowell's, **pkt. 8c, pt. 10c, qt. 20c, peck \$1.00, bu. \$3.90.**



Early Minnesota

An extra early variety; very desirable and productive; dwarf habit, **pkt. 8c, pt. 10c, qt. 20c, pk. \$1.00, bu. \$5.90.**

CUCUMBERS

SUPERIOR DARK GREEN

The Best of All Dark Green Cucumbers

In our estimation this is the best cucumber grown. It can be aptly described as the perfect cucumber. The fruits are a glossy dark green and remain that way longer than any other variety we know of. It is equally good as a pickle cucumber or for slicing for table use. The flesh is solid, tender and of excellent quality at all stages of growth. It is very prolific, bearing fruits of even size all through the season. Give this cucumber a trial this season and you will not be disappointed. Pkt. 10c, Oz. 15c, 1-4 Lb. 40c, Lb. \$1.50.

Davis' Perfect—A sure money-maker for those engaged in growing cucumbers under glass "for profit" as well as for truck gardeners to grow out-of-doors. On account of its being such a strong grower it is able to resist the cucumber disease. It is as early as the earliest strain of White Spine. Pkt. 5c, Oz. 10c, 1-4 Lb. 35c, Lb. \$1.00.

Early White Spine—Our select strain of this well known and popular variety is unsurpassed for either table or market use. It is very prolific, early, of good size, straight, well formed and full at both ends. The fruit is from six to eight inches long and two to three inches in diameter, with flesh of excellent flavor, white clear, crisp and very tender.

Long Green—The old standard variety and the best known of any cucumber. It can be depended upon to produce true, dark green fruit from six to eight inches in length, and of the finest quality.

Everbearing—Wonderfully prolific. Bears continually the entire season. Blossoms and cucumbers



Superior Dark Green

at all stages of growth are found on the same vine. If the fruits are gathered as they become fit for use the vines will go right ahead blooming and bearing all season. It is one of the earliest sorts and a heavy cropper. The cucumber will average about five inches in length, and are of good form and color. An excellent sort for small pickles. Pkt. 5c, Oz. 15c, 1-4 lb. 40c, Lb. \$1.40.

Arlington White Spine—A selection from the White Spine, being more pointed at each end. The young fruits are usually crisp and tender, and are of very dark green color.

Early Green Cluster—This is a short variety, of a pale green color, which matures very early and is an excellent forcing kind. It is rather prickly and contains but few seeds. It is a great favorite for pickling on account of its productivity.

Japanese Climbing—Medium size, well formed fruit of a dark green color. This variety throws out strong grasping tendrils which enables it to climb trellis, wire netting, strings or any other suitable support.



Early White Spine

HERBS, each, 5c., Per Packet

Every kitchen garden should have a few herbs. They are easily grown and are always pleasant and desirable for flavoring, perfuming and medical purposes.

All varieties marked with (*) are perennial.

Anise.....oz. 10c	Coriander.....oz. 10c	Majoram.....oz. 25c
Basil.....oz. 20c	Dill.....oz. 10c	*Thyme.....oz. 15c
*Fennel.....oz. 15c	Savory.....oz. 20c	*Horehound.....oz. 30c
*Sage.....oz. 15c	*Caraway.....oz. 10c	*Lavender.....oz. 25c



Prices of all cucumbers listed except where noted. Pkt. 5c, oz. 10c, 1-4 lb. 30c, Lb. 90c.

LETTUCE

One Ounce of Seed Sows 100 Square Feet; Plants 120 Ft. of Row; Produces 3000 Plants

Selected Big Boston

The king of all large head lettuces. A most desirable variety, either for forcing in cold frames or open ground planting. The Big Boston is sure to be wanted by market gardeners and trucksters, because it always produces large, solid, salable heads, and will commend itself to amateurs because it heads up well, at all seasons of the year, and is of crisp, tender quality. **Pkt 5c, Oz. 10c, 1-4 lb. 35c, Lb. \$1.**

May King. The new early head Lettuce. Plant this lettuce for the first early head lettuce. It is equally good for outdoor planting or forcing. The outer leaves have a slightly brownish tinge, while the heart is a beautiful yellow, very crisp and tender, for substance and for quality melts in the mouth like butter. Its growth is extremely rapid and its fine large heads are ready in advance of any other heading variety. **Pkt. 5c, Oz 10c, 1-4 lb. 35c, Lb. \$1.**

Grand Rapids Forcing—A favorite sort for growing in hot beds or green houses and a fine sort also for outdoor sowing. It grows very rapidly, forming large, loose curled bunches. The color is a yellowish green. The leaves are crisp, tender and fine flavored.

Early Curled Simpson—The standard cutting or loose head variety. It is earlier than any of the heading kinds. Is used extensively for sowing in cold frames and is also largely grown in the open ground, especially in small home gardens. It forms a close, compact mass of curled, yellow-green leaves.

California Cream Butter—Stands the hot summer weather of the West and South better than almost any other variety. Well formed large heads, with rich, yellow leaves that are thick, tender and fine flavor

Prizehead—We highly recommend this sort for the family garden. It is early, of fine quality and remains fit for use for a long time before running to seed. It does not head up solid, but forms large, loose bunches. The leaves are nicely curled and are very tender and sweet, bright green in color edged with brown-red.



Selected Big Boston

Iceberg—The most solid head Lettuce we know of. The strong main ribs of the leaves curve strongly toward the center, preventing the leaves from opening outward. As a result, the inside is constantly being blanched and is very crisp and tender. The curly outside leaves are light green, with reddish tints on the edge. **Pkt. 5c, oz. 10c, 1-4 lb. 35c, lb. \$1.00.**

Improved Hanson—One of the best for growing during the hot summer months, as it will stand heat and dry weather to perfection. The large, solid heads weigh sometimes two or three pounds. They are of light green color outside and white within, tender, crisp and of fine flavor.

**All varieties Lettuce except where noted
Pkt. 5c, Oz. 10c, 1-4 lb. 30c, Lb. 75c.**

Black Seeded Simpson—The best of the non-heading lettuce. Larger and lighter in color than early curled Simpson. In many parts of the West this is the most popular and best selling variety. It forms large, loose heads of very thin and slightly ruffled leaves of a light yellowish green.

Early Curled Silesia—Does not head but forms a compact mass of curly leaves of yellowish green. It matures early; generally grown in cold frames as an early outside crop.

MISCELLANEOUS VEGETABLES OF MERIT

Kale or Borecole

Dwarf German Green—Sow in autumn for sprouts of green, desirable in every garden. Height eight inches. **pkt. 5c, oz. 10c, 1-4 lb. 25c, 1 lb. 75c.**

Tall Green Scotch—oz. 10c, 1-4 lb. 25c, lb. 75c.

Kohl Rabi



Kohl Rabi

Earliest White Vienna—Greenish-white outside with clear, white flesh within. Smooth, short leaf, good for forcing; fine quality. **pkt. 5c, oz. 20c, 1-4 lb. 60c.**

Earliest Purple Vienna—Same in every respect as the earliest White Vienna, except in the outside color. **pkt. 5c, oz. 25c, 1-4 lb. 70c.**

Endive

Endive—One of the best salads for fall or winter.

Green Curled—Ornamental curled leaves of dark green which blanch white and crisp. **pkt. 5c, oz. 10c, 1-4 lb. 35c.**

Egg Plant

Egg Plant seed will not vegetate freely without a strong uniform heat, and if the plants get the least chilled they seldom recover from the shock.

Improved New York Spineless—

The standard variety everywhere. The eggs come early—are of large size, regular oval shape

and a fine deep purple in color. **pkt. 5c, oz. 25c 1-4 lb. \$1.**



Spineless

Mustard

Ostrich Plume—An improved strain of the Southern Giant Curled, but immensely superior to this sort both in appearance and delicate flavor. The leaves are finely cut and densely curled, resembling wavy ostrich plumes. Of very quick growth and mild flavor. The finest mustard in existence. **pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.**

Giant Southern Curled—This variety is a great favorite in the South for garnishing. Grows

about 2 feet in height with very dark large green leaves, the edges of which are finely curled. **pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 40c.**

White or Yellow London—Tender and mild. **pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 40c.**

Black or Brown—Old standard variety. **Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 40c.**

All varieties of Mustard by freight or express not prepaid, 1-4 lb. 15c, lb. 30c.

Perfect Lawn Grass

Absolutely the best lawn seed that experience can suggest, or that money can buy—A smooth, velvety lawn surrounding a house adds not only to the value, but enhances the enjoyment of every home, whether it be in city, town or country. When properly made, a lawn is the best investment a home owner can make. The following suggestions may be of benefit, especially to those who are about to make a new lawn.

The most important thing to consider in selecting seed for lawn grass is to obtain a proper mixture of several varieties, for two reasons. First, each variety is at its best during a certain part of the season. By properly choosing early, medium and late grasses, a smooth, even, green lawn is assured from early spring to late autumn. Second, a given area can support only so many grass plants of one kind for they all absorb the same sort of food, but if several varieties are sown, the same area will support many more plants, as different sorts live on various elements in the soil. This will give a much thicker and more luxuriant turf all over the lawn.

With these facts in mind our Perfect Lawn Grass Seed is scientifically combined. Our experience has given us an intimate knowledge of grasses, their habits and requirements. In our Perfect Lawn Grass Seed are included only the very best varieties—pure, clean and free from foul seed. In making new lawns one pound will sow 300 square feet. Not only is Perfect Lawn Grass suitable for the making of new lawns, but it will be found equally valuable for quickly renewing old and worn out areas. Price by mail. Postpaid **lb. 45c.** By express or freight at purchaser's expense. **Lb. 35c, 10 lbs. \$3.25, 100 lbs. \$30.**

WATERMELON

TOM WATSON

No Melon of Recent Introduction has Created as Much Favorable Comment as has the Tom Watson

It is an extra long melon of attractive appearance, uniform in shape and quality. The luscious crimson flesh is "as sweet as honey" melting, and of superb flavor. The average melon will weigh 35 to 40 lbs. and measure about 28 inches long and about 12 inches in diameter. It is very prolific, producing in greatest abundance the large delicious fruits. We have great faith in the Tom Watson and believe it is one of the very best Water-Melons ever offered. Sure to take a leading place with large melon growers and shippers.

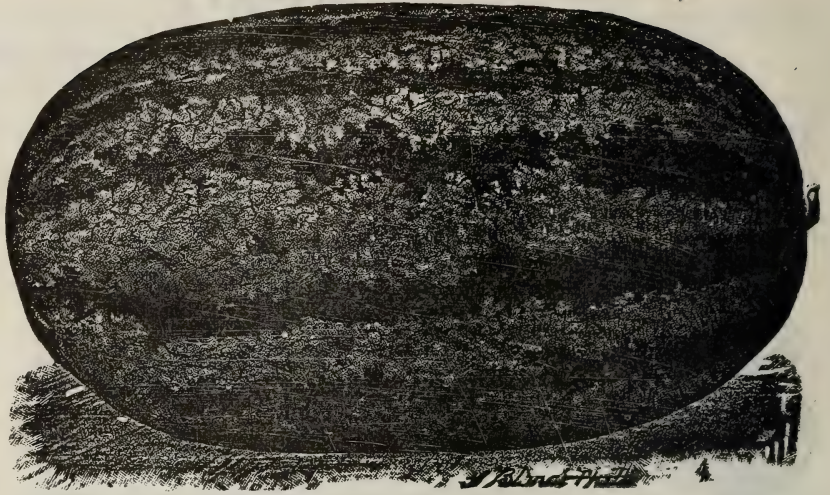
Pkt. 5c, oz. 15c, 1-4 lb. 45c, lb. \$1.25.

Halbert Honey

It greatly resembles the Kleckley Sweets, but is of darker color and more even and regular in shape. Can not be shipped great distances, as the rind is very brittle, but it is unsurpassed for home markets and family use. It grows from 15 to 30 inches long, is dark green, slightly ridged and blunt at the blossom and stem ends. The meat is sweet as honey, melting and leaves no trace of pulp. Brings always higher prices than any other melon on the market. **Pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 75c.**

Kleckley Sweets

This splendid and most sweet Water-Melon has certainly become very popular wherever it has been thoroughly tested. It is of superb, luscious flavor. While the skin is perhaps too thin to admit of the melons being shipped very great distances to market, it is most desirable to plant for home use or local markets. The melons themselves are very large, oblong in form, with dark green skin, thin rind, which is very brittle. Fresh bright scarlet, with solid heart, deliciously crisp, sugary and splendid in every way. The melons average 18 to 20 inches in length, by 10 to 12 inches in diameter; of handsome appearance; ripens early, and is most desirable for the home garden, **pkt. 5d, oz. 10c, 1-4 lb. 20c, lb. 60c.**



Bradford

BRADFORD

Our Specialty for a Number of Years, and Certainly a Fine Melon.

The vines are strong and healthy, producing a large number of attractively shaped melons. The color is dark green with darker stripes. The flesh is of fine flavor and contains no stringy substance. Although the rind is thin, it is a desirable shipping melon. Largely grown in the South and particularly popular with market gardeners. The seeds are small, white, and are flecked with a brown spot. Fancy selected Southern-grown seeds, **pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 85c.**

Sweetheart

A very early large sized melon. Nearly round, but a little longer than thick. The skin is a beautiful light mottled green with distinct netted lines of a darker shade. The rind is thin, but very tough and it bears shipment well. The solid flesh is a deep, rich red, very crisp and melting. Is always a good seller on account of its handsome appearance and luscious quality, **pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 50c.**

We also carry the following, well known and popular melons, seed all grown from true stocks and can be depended upon to give you good results: Mountain Sweet, Peerless or Ice Cream, Dark Icing, Light Icing and Black Diamond, Cuban Queen, Florida Favorite, Coles Early, Georgia Rattlesnake, Gray Monarch, Fordhook Early. All of the above at the uniform price of **pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 40c, 5 lbs. 35c per lb.**

MUSKMELON OR CANTALOUPE

Tuckers' Champion Market

The Grandest of All Green Fleshed Sorts, Handsome, of Uniform Shape, and as Sweet as Sugar.

Tuckers' Champion Market

We believe it to be absolutely the sweetest and most luscious green-fleshed Cantaloupe now on the market. It is of that desirable size in demand in all markets; round, inclined to oval in shape, heavy in proportion to size because the flesh is so deep. Distinctly ribbed and thickly netted; color of skin grey-green. Because of its firm flesh and solidity, we believe it will make a splendid shipper. The flesh is an attractive green of exquisite texture, sugary, juicy, tender and entirely free from any stringiness. It has a delightfully rich aromatic flavor. The vines are of luxuriant and vigorous growth, yielding bountifully. Pkt. 10c, Oz. 15c, 1-4 lb. 40c, Lb. \$1.25.

Tip Top

Tip-Top in Quality—Tip-Top in Appearance
Tip-Top in Productiveness

The testimony of all who have used Tip top is that every melon produced, whether big or little, early or late, is a good one—sweet, juicy, finest flavor, firm (but not hard) fleshed, and eatable to the outside coating. Its appearance on the market is very attractive—sells on sight. Customers soon learn to pick them out and will have no other variety. Fruit of large size, and flesh attractive bright salmon in color; nearly round, evenly ribbed, moderately netted, very productive. Pkt. 5c, Oz. 10c, 1-4 lb. 35c, Lb. \$1.

Golden Netted Gem—One of our greatest offerings. Color golden and a beautiful netted skin. An ideal market sort.

Cannon Ball—In shape it is round as a ball, medium size, six to eight inches in diameter, and heavily netted. The flesh is light green, melting and deliciously flavored; remarkably solid, with extremely small seed cavity.

Montreal Market—Is of immense size melons frequently weigh fifteen pounds. Flesh green, very thick and of good flavor; skin green, deeply ribbed and netted.

Hackensack, Extra Early—Green Flesh. This is a variety possessing all of the good qualities of the large Hackensack, but by careful selection a strain has been secured which will ripen about



Tuckers' Champion Market

a week or ten days earlier than the old variety, making it more desirable where an extra early large melon is required.

Hackensack, Large, Late—(Green Flesh.) A large round sort. The skin is deeply netted, flesh green, inclining to yellow at the center.

Burrell Gems—It has a tough, thin rind, well arched ribs covered with a closely laced and interlaced gray netting. The blossom end is protected with a well, developed button. Shape elongated—the diameter from stem to blossom being one third more than from top to bottom. Meats of a reddish orange, very thick, fine grained and spicy, not containing too much water or acid. Seed cavity small and triangular, the seed closely held in place in three lobes. Pkt. 5c, Oz. 10c, 1-4 lb. 35c, Lb. \$1.10.

Rocky Ford, Selected Seed—The melons grown at Rocky Ford, Colorado, are superior in quality to any, but there are soils in every section that will produce them almost as good. We offer only the true and most selected strains, exactly as grown in Colorado. The flesh is greenish in color, firm in texture, and so sweet and luscious that it may be eaten close to the rind,

Osage or Improved Miller's Cream—It is medium sized, oval, slightly ribbed, dark green in color, covered more or less with shallow netting. The flesh is deep salmon color and very thick, there being but a slight cavity in the center of even the largest fruit. A favorite variety for the market.

Banana—Very odd; 18 to 21 inches long. Yellow flesh, blending from bright green to rich salmon. Fragrant and one of the most delicious of melons.

Jenny Lind—Vine rather small but vigorous and productive. Fruit small, somewhat flattened, deeply ribbed, flesh green and exceedingly sweet. This variety ripens early, and on account of its size is particularly good for hotel use. We know of no green fleshy melon maturing equally as early that is of more excellent quality.

Shumway's Giant—Very large, cream yellow, salmon colored flesh, sweet and luscious.

All Musk Melons except where noted, Pkt. 5c, Oz. 10c, 1-4 lb. 30c, Lb. 85c.



Osage

SUPERIOR ONION SEED

Superior in Quality and as Cheap as Good Seed Can Be Sold

CULTURE Onion seed should be sown as soon as possible in the spring, even if the weather is cold, just so the soil works up well. This gives the onion a good start and ahead of weeds and before dry weather sets in. After thoroughly pulverizing the soil, sow 4 to 5 lbs. to the acre, in drills 1 foot apart and about $\frac{1}{4}$ inch deep. When 4 inches high, thin out to stand 3 to 4 inches apart in the rows, keeping them well hoed and free from weeds. Onions delight in rich, deep, sandy loam and succeed well if grown for a succession of years on the same ground. Deep plowing prevents blight.

Tuckers' Superior Strain of the Southport Red and White Onions Cannot Be Beaten

Southport Red Globe

The handsomest of all the red Onions; large, solid and of perfect shape. Red Globe is the latest of the Southport Onions, ripening from a week to ten days after the yellows. The bulbs are remarkably uniform in shape, of a rich red color, ripen evenly and yield the largest percentage of marketable Onions. They ripen down hard and solid, keep well, and their beautiful appearance insures a ready market.

Southport Red Globe will yield a heavier crop than either the Yellow or White Globe, but as a rule the two lastly named sorts command higher prices. Our strain of the Red Globe is absolutely unsurpassed, producing uniformly, handsome, thin-necked, hard, richly-colored bulbs, **pkt. 5c, oz. 15c, 1-4 lb. 45c, lb. \$1.50.**

Southport White Globe—The handsomest Onion grown. Of beautiful silvery-white color, perfectly globe-shaped, uniform in size, averaging $2\frac{1}{2}$ inches in diameter. Flesh firm, fine-grained and a mild, pleasant flavor, **pkt. 5c, oz. 15c, 1-4 lb. 60c, lb. \$2**

Mammoth Silver King—One of the largest onions in cultivation. Very large, early, flat, but thick through. Tender and of very mild, sweet flavor; uniform in size and shape. We recommend it for exhibition at fairs, and for fancy market, as well as the home table, **pkt. 5c, oz. 15c, 1-4 lb. 45c, lb. \$1.50.**

Silver Skin or White Portugal—An early white flat onion. Fine for using as green onions or as a winter variety, **pkt. 5c, oz. 15c, 1-4 lb. 50c, lb. \$1.75.**

Large Red Wethersfield—For general purposes, the country over, no red variety is more largely grown. The largest, most uniform, heaviest yielder, and one of the best keeping of all the red onions. This is a standard red variety. Large size; skin deep purplish-red; form round, somewhat flattened; flesh purplish-white. One of the best keepers. Yields enormous crops, **pkt. 5c, oz. 10c, 1-4 lb. 35c, lb. \$1.25.**



Southport Red Globe

Extra Early Red Flat—An extra early, medium sized, flat onion. It is of a dark color, excellent for early market, **pkt. 5c, oz. 10c, 1-4 lb. 35c, lb. \$1.25-**

Mammoth Prize-Taker—This is the large beautiful Spanish variety so often seen in the fruit stores and markets of all large cities. Enormous size—12 to 14 inches in circumference. Although of such great size, it is very hardy and a good winter keeper, as it ripens up hard and firm; very fine grained and of mild, delicate flavor. The outside skin is a rich yellow, while the flesh is white. They bottom well, are free from stiff necks and have produced more bushels of marketable onions to the acre than any other variety, **pkt. 5c, oz. 10c, 1-4 lb. 35c, lb. \$1.30.**

Yellow Globe Danvers—An old favorite, very productive, a good keeper and fine flavor, **pkt. 5c, oz. 10c, 1-4 lb. 35c, lb. \$1.25.**

SELECTED ONION SETS

RED BOTTOM ONION SETS—By mail qt. 30c, express or freight, qt. 10c, gal. 35c, bu. \$2.00.

WHITE BOTTOM ONION SETS—By mail, qt. 30c; express or freight, qt. 10c, gal. 35c, bu. \$2.25.

YELLOW BOTTOM ONION SETS—By mail qt. 30c; express or freight, qt. 10c, gal. 35c, bu. \$1.90.

TOP ONION SETS—By mail qt. 35c; express or freight, qt. 15c, gal. 55c, bu. \$3.

Prices subject to market fluctuations.

Bottom sets are sold basis 32 lbs. to bushel.



Fine Peppers

Sow early in hotbeds or boxes, or in open ground late in Spring. when 4 inches high transplant in rows 20 inches apart and 1 foot apart in rows.

New Chinese Giant—A most remarkable Pepper, Double the size of Ruby King. Immensely productive, extremely attractive and of mild flavor, being sweet as an apple; a profitable variety both for market gardeners and amateurs. **pkt. 10c, 1 oz. 30c, 1-4 lb. 90c.**

Ruby King—Wonderful yielder. Peppers 3 to 4 inches in diameter, of mild flavor, very desirable for mangoes. **Pkt. 5c, oz. 25c, 1-4 lb. 65c.**

Cayenne—Very hot, long and slim, good for seasoning. **pkt. 5c, oz. 20c, 1-4 lb. 50c.**

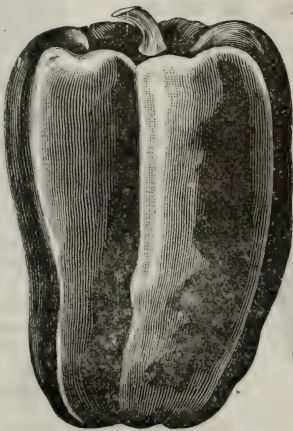
Cherry—Round, small, good bearer, fine for fancy pickles. **pkt. 5c, oz. 20c, 1-4 lb. 50c.**

Large Bell or Bull Nose—A very large sort of inverted bell shape, suitable for filling or for a mixed pickle. Flesh thick, hard and less pungent than most other sorts. **pkt. 5c, oz. 20c, 1-4 lb. 50c.**

Parsnips

Sow as early in the spring as the weather will permit, in drills 15 inches apart and half inch deep in rich deep soil. Thin out to stand six inches apart in the rows.

Hollow Crown—Also known as "large sugar." Is the best variety for all purposes. The roots are smooth, with fine grained flesh of excellent quality. **pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 50c.**



Ruby King

Okra or Gumbo

Large Packet 5c.

Pods used for flavoring soup. Very healthy and easily grown. Plant in hills two inches deep, two or three feet apart in rows.

Long White Velvet Pod—Oz. 10c, 1-4 lb. 20c, 1 lb. 50c,

Dwarf Green Pod—Oz. 10c, 1-4 lb. 20c, 1 lb. 50c.

Rhubarb or Pie Plant

Fine roots of rhubarb for setting out can be grown easily from seed in a single season, and this is much the cheapest way to secure a stock of plants.

Myatt's Victoria—The most popular variety; comes quite true from seed **Pkt. 5c, oz. 10c, 1-4 lb. 35c, lb. \$1.**



Parsley

Doubled Curled—The standard sort for outdoor culture, also highly prized by market gardeners for the greenhouse.

pkt. 5c, oz. 10c, 1-4 lb. 25c.

Champion Moss Curled—A very fine curled variety. One of the handsomest for garnishing purposes. The exceedingly curled leaves make it desirable. **pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 60c.**



pkt. 5c, oz. 10c,

Tuckers' Northern Grown Garden Peas

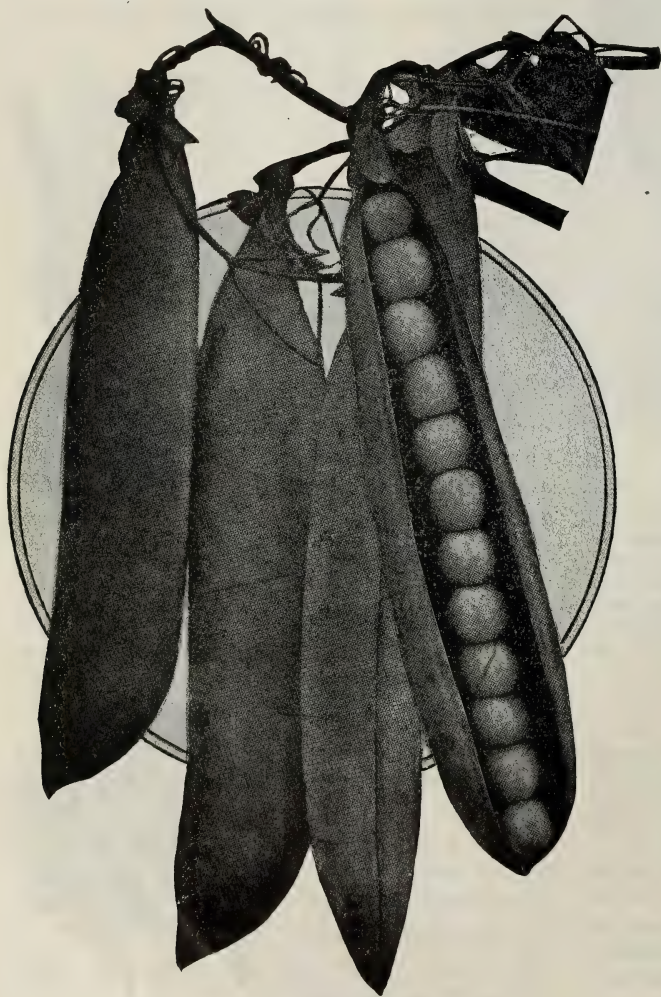
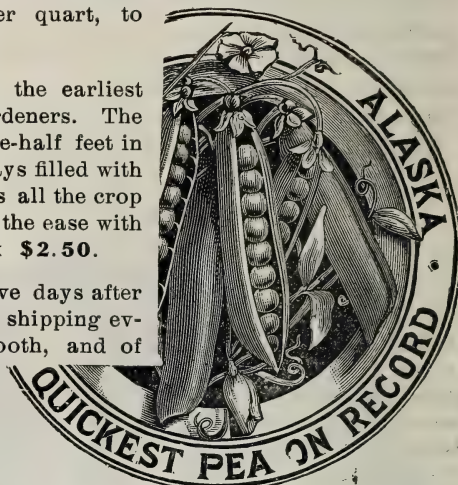
Experience has proven, that for best results in the middle west, the Northern Grown Peas, are superior. They are the earliest, hardiest and most productive.

Owing to a succession of extremely short crops of seed, peas for the last three years, prices are ranging higher. The prices quoted are as low as strictly choice seed can be sold. Beware of "cheap" seed peas this year.

All peas marked (*) are wrinkled. Add 8c per pint; 15c per quart, to prices quoted for mailage. We prepay packets.

Extra Early Alaska—Extra early, and undoubtedly one of the earliest that can be grown, and a great favorite with market gardeners. The vines are of strong vigorous habit, about two to two and one-half feet in height, and bear from four to seven long pods that are always filled with medium size peas of the most delicious flavor. As it matures all the crop at one time it is invaluable for large growers on account of the ease with which they may be gathered, **pkt. 10c, pt. 20c, qt. 35c, pk \$2.50.**

First and Best (2 feet)—Matures in from forty to forty-five days after germination. They are of strong texture, are well fitted for shipping even long distances. The peas are of medium size, round, smooth, and of splendid flavor. The vines are very hardy and seed may be sown as soon as the soil becomes mellow, **pkt. 10c, pt. 20c, qt. 35c, pk. \$2.50.**



Tuckers' Potlatch Peas

Tuckers' Potlatch Peas

Without doubt one of the finest, wrinkled, medium early pea known exceedingly sweet, tender and luscious.

***Potlatch Peas**, are head and shoulder above any other variety that has been introduced in years. We want you to include Potlatch Peas in your order this year, and learn what a really good, large sweet pea it is. Strong vigorous vines of even growth, 20 to 24 inches in height, with luxuriant dark foliage, bearing pods medium green in color $3\frac{1}{2}$ to 4 inches in length. Broad and pointed at the ends. No variety known will produce more pods, and no pods could possibly shell out better. The Potlatch is a variety from which anyone may expect great things. Fit for table use 61 days from planting. Seed green, wrinkled, large in size. We consider ourselves very fortunate in having secured this extra fine pea, **pkt. 15c, pt. 25c, qt. 45c, 4 qts. \$1.40.**

***Notts Excelsior**—The best dwarf variety for the home garden. Grows a foot high and is wonderfully productive. The peas are tender and of delicate flavor. An excellent sort growing more in popular favor every year, **pkt. 10c, pt. 20c, qt. 40c, pk. \$2.75.**

***American Wonder**—A desirable dwarf variety growing only nine inches high, very early. Peas are wrinkled, very sweet and high flavored, **Pkt. 10c, pt. 20c, qt. 40c, pk. \$2.75.**

***Premium Gem**—A deservedly popular dwarf growing sort, growing about fourteen inches high. It is hardier and can be planted earlier than most wrinkled peas; very prolific. The pods are large and contain six to eight peas each, **pkt. 10c, pt. 20c, qt. 40c, pk. \$2.75.**

GARDEN PEAS Continued

Horseford's Market Garden

*A grand, large wrinkled Pea, 30 inches high, wonderfully prolific, having yielded more shelled Peas to the acre, than any other variety. The pods are literally packed with Peas of extra large size and excellent quality: it is a popular market variety, and equally valuable for home use. **Pkt. 10c, pt. 20c, 40c, pk. \$2.75.**

TELEPHONE

*The favorite late variety for the market gardener. Extra large pods. This pea has proved to be a most valuable introduction. Vine large, coarse leaves, height about 4 feet. The pods are very large and filled with immense peas, which are largest of any. Tender, sweet and of splendid quality and flavor. The stock we offer has been selected with every care, and will give satisfaction to the most exacting grower. **pkt. 10c, pt. 20c, qt. 40c, pk. \$2.75.**

***Thomas Laxton**—The pod is not large, being short and instead of being rounded at the point it is square and blunt. Seed large, wrinkled, cream color tinted with green; height three feet. **Pkt. 10c, pt. 25c, qt. 40c, pk. \$2.75.**

Large White Marrowfat—A good summer pea.

Grows five feet high, is productive and of fair quality. **pkt. 10c, pt. 15c, qt. 25c, pk. \$1.80.**

Black Eyed Marrowfat—Strong and vigorous vines bearing pods near the top of the vine. Height 50 to 60 inches, light color foliage, pods 3 inches long, blunt, light green. Ready to pick 69 days from planting. Seed large, smooth, white with a black eye. **pkt. 10c, pt. 15c, qt. 25c, pk. \$1.80.**

Dwarf Gray Sugar—The old variety of the edible-podded sort, and is used in no other way. Grows about 2 feet high and is remarkable for its earliness. Pods are broad, flat and crooked and contain 5 to 6 peas. Seed is brown and wrinkled. **pkt. 10c, pt. 20c, qt. 40c, pk. \$2.75.**

***Advancer**—One of the best of the medium early



Advancer

wrinkled sorts. Very productive and fine flavor. **pkt. 10c, pt. 20c, qt. 40c, pk. \$2.75.**

Strategem—A vigorous, hardy and luxuriant vine, bearing large pods containing peas of excellent quality. A heavy cropper, although it has a tendency to sport. Vines, 20 inches. Foliage, dark green. Pods 3½ inches long, straight, broad, pointed, gray green in color. Fit for table use 56 days from planting. Seed very large, green and wrinkled. **pkt. 10c, pt. 20c, qt. 40c, pk. \$2.75.**

***Champion of England**—An old and favorite sort with all those who are fond of a largetender, luscious pea, reaching a height of four or five feet and is fairly productive. **pkt. 10c, pt. 20c, qt. 40c, pk. \$2.75.**

PUMPKIN SEED

POTIRON MAMMOTH

(Jumbo, or King of Mammoths) Of true Mammoth size, specimens weighing sometimes from 100 to 200 pounds. The skin is of salmon-orange color, the flesh thick, bright yellow, fine grained and of good quality. Give plenty of space. **pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 75c.**

Large Cheese—Superior to the field varieties, as it is excellent for table use as well as for stock feeding. Is fine for pies. Shape flat, skin mottled light green and yellow. **pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 45c.**

Japanese Pie—A high quality pumpkin with very thick flesh with a rich salmon color, dry and sweet. Seed cavity small. Of medium size, early. **pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.**



Large Sweet Cheese

Kentucky Field—Large, round, slightly ribbed; soft shell salmon color. Very productive and excellent for stock. **pkt. 5c, oz. 10c, 1-4 lb. 15c, lb. 40c.**

Mammoth Tours—Salmon colored skin, flesh yellow, of good quality. A splendid keeper and valuable for stock feeding. **pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 75c.**

Striped Cushaw, Crookneck—An old favorite, grows to good size, cream colored flesh, a good all year round keeper. pkt. 5c, oz. 10c, 1-4 lb. 25c lb. 90c.

SMALL SWEET OR SUGAR PUMPKIN

This is the small, sweet Pumpkin that has made the New England States famous for their pumpkin pies. It is a very fine grained, most deliciously sweet-flavored sort. Splendid keeper. They average about 10 inches in diameter. Of deep orange-yellow color. pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 65c.

Tennessee Sweet Potato—Medium sized, pear shaped, striped white and green; thick flesh and of good flavor- pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 65c.



Striped Cushaw

FINE SQUASHES

Early White Scalloped Bush—The white "Pattypan" or "Cymblings," as it is called in the South. A very early and continuous bearer. Ships well. Color, light cream. A first-class variety for market growers.

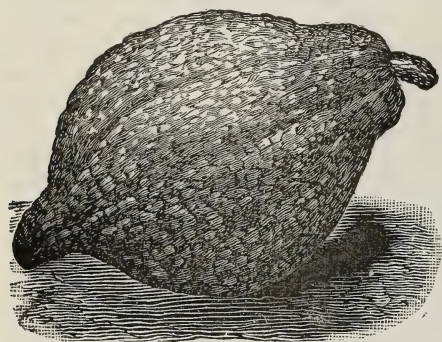
DELICIOUS

Color of the skin is green, with an occasional blue specimen, about the same size as the Hubbard, weighing 5 to 10 lbs. Has very thick flesh, cooks dry and is of superior flavor. Although a good fall variety it is in its best condition during the winter. pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 70c.



CHICAGO WARTED HUBBARD White Bush Scalloped

The ideal hubbard for home or market. Very large and uniform in size. Has a rich dark green skin which is rough and heavily warted. It attracts when others are a drug on the market. The vine grows strong and vigorous, and are as productive as the old variety. pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 70c.



Warded Hubbard

All varieties squash except where noted, pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 60c.

Mammoth Chili—The giant among squashes. Shape round flattened at the ends. Color orange yellow. Flesh very thick and good quality. A good winter keeper. The best sort for stock feeding.

Yellow Summer Crookneck—Best variety for the home garden in summer. Very productive bush form. Small crooked necks with warts. Shell very hard when ripe.

Giant Summer Crookneck—This strain is a great improvement on the old variety of Crookneck. It is larger and better in every way.

Fordhook—The vines are of strong, vigorous growth and wonderfully productive. Fruits oblong in form, eight to ten inches in length, slightly ridged, smooth, thin, yellowish skin; flesh very thick and of a light straw yellow.

TURNIPS AND RUTABAGAS

Extra Early Purple Top Milan—One of the earliest sorts in cultivation. Bulb very flat, medium size, quite smooth, with a bright purple top; leaves few, short, and light color; grows compact and makes exceedingly small strap-leaved top. pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 60c.

New White Egg—This is certainly one of the very choicest and finest varieties; comparatively new and producing beautiful egg shaped turnip. pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 60c.

Improved Early White Flat Dutch—Excellent early garden variety and very much used. The roots are of medium size, very flat and the color white. Very early, sweet and tender.

Purple-Top Strap-Leaf—A well known popular variety, either for family or market use; large size; white, purple above ground, flesh fine grained; grows quickly and is as good for winter use or late planting, as it is early.

Purple Top White Globe—One of the handsomest and most profitable turnips, unsurpassed for either home or market use. It is a large rapid growing sort with globe shaped roots, purple at the top and white underneath. It is of the same character and habit as the Purple Top Flat, but, owing to its great size, will produce twice as much to the acre.

White Globe—Immense white globe-shaped roots, in rich ground, frequently attain the weight of 12 pounds. Considering this size it matures early. A very good autumn variety for both table and stock.

Rutabaga—American Yellow Purple Top. The most satisfactory variety for either family use or stock feeding. It is hardy, productive, sweet, solid and of fine quality. It keeps perfectly all winter and into the following summer.

All Turnips except where noted, Pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 50c.

THE BEST RADISHES

Our Radish Seed is all produced from the best French stocks. You can depend on this seed for good results.

Early Round And Half Long Shapes

CRIMSON GIANT

The Best Early Turnip Radish For Home Use

A variety extraordinary, in that, while growing to an usually large size, it is also tender, crisp and of mild flavor. It remains in perfect condition a remarkably long time, and unlike other forcing varieties, does not become pithy, even when twice their size in diameter. Root turnip-shaped, color, a beautiful crimson-carmine, flesh firm, crisp and tender. While very desirable as a second early forcing variety, we recommend it especially for the first early out door planting, **pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 65c.**

French Breakfast—This pretty Radish in color is bright red, tipped with white. It is oblong in shape and in quality is crisp and tender. It is a quick grower, and is still an exceedingly popular variety.

Olive-Shaped Early Scarlet—Very early; olive-shaped; bright scarlet skin; flesh firm and crisp.

Scarlet Turnip White Tip—Good sized radishes can be pulled in twenty days after sowing seed. Of fine round shape, flesh and skin pure white, and as a result of its quick growth, very crisp, mild and tender.

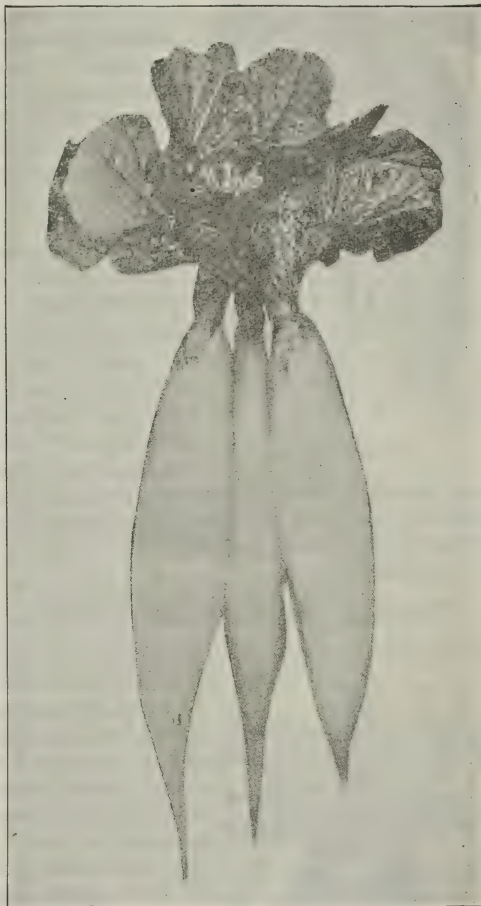
Early Scarlet Turnip—Of very quick growth and equally well adapted to either forcing or open air culture. The skin is a rich scarlet color, the flesh snowy white and always mild, crisp and sweet.

SCARLET GLOBE

This splendid globe Radish is the very finest early strain of the round, bright red Radishes. Nothing can surpass its table excellence or its beauty. The skin is bright scarlet; flesh pure white, crisp, tender and of delicious quality.

WHITE LADY FINGER

The long White Lady Finger is a very handsome radish, a rapid grower and of excellent quality. While not as desirable as Icicle for forcing, it has long been the most popular for open ground culture. It is slender and graceful in form, with delicate white skin and remarkably tender and brittle flesh. The flavor is mild and sweet.



Long Varieties

Tuckers' White Icicle

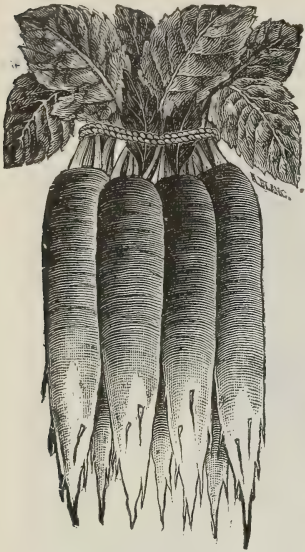
Our selected strain of this popular white Radish will insure you the finest flavored Radish you have ever eaten. Excellent and profitable. Has few leaves and is better for forcing. The Icicle radish is perfectly white in color, and long and tapering in shape. It quickly grows to market size, is crisp and brittle, and of mild, sweet flavor. A fine variety for market and private gardeners, who have a demand for an early long white radish, **pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 65c.**

All Radishes except where noted, pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 55c.

THE BEST RADISHES, CONTINUED

Chartier Summer

The roots are about an inch in diameter and six inches long. Color a bright red, shading to a white tip; flesh remarkably crisp and mild.



Chartier

White Strasburg Summer—Of good quality at all stages of its growth. When fully grown the roots are about five inches long and very thick at the shoulder. It never becomes tough or pithy, even in the hottest weather.

Early Long Scarlet Short Top

—The old standard long red variety, early and of excellent quality. This

variety is largely used by market gardeners who consider it one of the most profitable sorts which they can plant. Also an excellent variety for home gardeners.

Peanut or Ground Peas

Six or eight quarts of shelled nuts to the acre.



The peanut does best in light, sandy soil, tolerably high. They should be planted in April in rows three and a half feet apart and two feet apart in the row. Drop two or three good peas in each hill, cover about two inches.

Tennessee Red—The finest variety grown, especially

adapted, to black, waxy land, as well as sandy soil. The nuts contain three large kernels each, and are enormously productive **lb. 15c, 10 lbs. \$1.25.**

Mammoth Jumbo—This variety grows to an astonishing size and does extremely well in our State. The plants make compact bushes, about 18 inches high, with heavy, erect stalks and large leaves. The giant nuts have thick, heavily ribbed shells, **lb. 20c, 10 lbs. \$1.45.**

Virginia White—**Lb. 15c, 10 lbs. \$1.20.**

If wanted by mail add 8 cents per pound to above prices to prepay postage.

Winter Varieties

Long Black Spanish—Very hardy and a good keeper; sow them with your turnips.

Rose Color China Winter—Very popular with market gardeners; very smooth, bright rose color; large.

California White Mammoth—Eight to twelve inches long, and about 2½ inches thick; solid and tender; a very good fall variety.

Spinach

Bloomdale or Savoy—Highly popular with market gardeners. A

crop of this variety weighs much heavier than any other variety. It grows very quickly. Fine for fall sowing, **pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 40c.**



Long Standing—Leaves dark green and thick. Not inclined to run to seed for a long time. Very popular with market gardeners, **pkt. 5c, oz. 10c, 1-4 lb. 20c, lb. 40c.**

Salsify, or Oyster Plant

Sow in March, in rich, light, deeply worked soil in rows about 2 feet apart. Thin out the plants to 6 inches apart; cultivate frequently to keep free from weeds. Perfectly hardy and can remain in the ground all winter. One ounce will sow 100 feet of drill.

Mammoth Sandwich Island—Grows very large resembling good-sized parsnip; well flavored mild, **pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 65c.**

Tobacco

Big Oronoko—A favorite, **oz. 25c.**

Missouri Broad Leaf—A well-known standard sort; very large yielder, **oz. 30c.**

Connecticut Seed Leaf—This variety is staple, carefully selected seed, **oz. 25c.**

White Burley—A western variety, which produces one of the most fashionable types for manufacturing and cutting, **oz. 25c.**

Havanna—Commands a high price for cigar stock; superior, extra fine, **oz. 30c.**

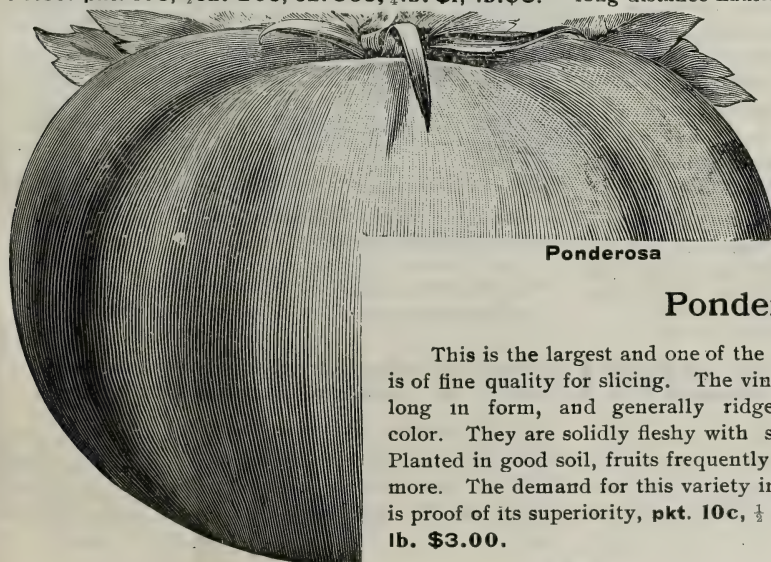
Package any variety of Tobacco, 5c.

SELECT TOMATO SEEDS



Livingston Globe

Livingston's Hummer—A real good, absolutely new tomato, and one that is quite distinct in several important points from all other varieties. Livingston's Hummer is as round as a ball, smooth as an apple, and has very little indenture about the stem end; hence there is no waste whatever in preparing the fruits for use. The color is bright scarlet and is very attractive. The flesh is rich crimson scarlet and of the very finest quality. For the home garden and market also, Livingston's Hummer is hard to beat, especially when grown on stakes or trellises of some kind. Free from cracks, always smooth, of desirable size, and withal a great producer of beautiful clusters of fruits. It is a healthy, vigorous grower of medium sized vines. The fruit is firm and solid; in fact a rotten Tomato is seldom found. If picked when "just turning to ripen it will carry to a distant market in excellent shape, color up nicely and meet with ready sale. Price: pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1, lb. \$3.



Ponderosa

Ponderosa

This is the largest and one of the most popular of all tomatoes and is of fine quality for slicing. The vines are of strong growth; fruits oblong in form, and generally ridged or ribbed; deep purple in color. They are solidly fleshy with small seed cells; of fine flavor. Planted in good soil, fruits frequently attain a weight of one pound or more. The demand for this variety increases from year to year which is proof of its superiority, pkt. 10c, ½ oz. 15c, oz. 25c. 4 oz. 90c, lb. \$3.00.

FOUR OF THE BEST TOMATOES IN THE WORLD

Livingston's Globe Tomato

The Finest Early Purple Tomato in Existence—

Livingston's Globe Tomato is an extra good all-round sort, of a distinct globe shape, with quite a large percentage of elongated fruits. It is a very beautiful variety (see illustration), and on account of its shape one that permits of a greater average number of slices to be taken from each fruit than any other sort, with the exception of "Coreless."

Livingston's Globe Tomato—Is early. In time of ripening we class it with the first earlies, being among the first to ripen fruit. The fruits are of large size, and a good marketable size, is retained throughout the season. It is always smooth, of firm flesh, few seeds; ripens evenly; color, a fine glossy rose, tinged with purple, and without the slightest tinge of yellow at any stage of ripening. It is an exceedingly productive variety, having plants with many short joints at which large clusters containing three to seven fruits are almost invariably formed, so that it can be truthfully stated the plants are literally loaded with fruit, pkt. 10c, 1-2 oz. 20c, oz. 35c, 1-4 lb. \$1.00, lb. \$3.75.

New Coreless—Livingston's New Coreless is a large, main-crop, globe-shaped, bright red variety, which will be a strong competitor with all old varieties. All markets requiring a bright red sort will be pleased with the New Coreless. In shape it is almost round, being about the same diameter each way. The depression at the stem end has been almost eliminated, making it the most profitable variety for canning. It is immensely productive, clusters of four to seven fruits are produced at 6 to 8 inches apart along the stem. All of the fruits are of marketable size, and many of them are quite large—12 to 15 ounces. Always free from green core. A good slicing variety, the seed cells being surrounded by bright red, heavy, meaty and delicious flesh.

The strong outside and inner walls of flesh of the Coreless, render it a firm fruit and one of the best for long-distance hauling or shipping. Ripens all over and through and right up under the stem all at the same time.

Every canner, market gardener or lover of good tomatoes should certainly try our New Coreless Tomato, price: pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.25, lb. \$3.75.

OTHER GOOD VARIETIES TOMATOES

Spark's Earliana—Coming into the market before any other sort, it commands top prices. It produces an abundance of remarkably solid fruit of uniform shape and rich, bright red color. The Tomatoes are borne in clusters, and can generally all be gathered in about three weeks from the time the first fruit ripens. They are of good flavor and contain few seeds. **pkt. 5c, oz. 20c, 1-4 lb. 65c, lb. \$2**

Stone—Immensely popular with canners, Southern shippers and market gardeners. It is of excellent shape, with very smooth skin, free from cracks, and green core. Ripe fruits will keep in good marketable condition for nearly two weeks after being picked.

Acme—The standard bright pink Tomato. The fruits are round, very solid, of uniform size and ripen evenly.

Selected Trophy—Fruits are bright red, solid, very large and generally smooth. One of the best.

Matchless—A standard large fruit main crop sort of bright red color. The fruits are always of a uniform shape, heavy and meaty; very handsome in appearance and of superior flavor. **pkt. 5c, oz. 20c, 1-4 lb. 50c, lb. \$1.85.**

Perfection—Produces large fruit until the close of the season. Invariably smooth; of handsome blood-red color. Some canners prefer it to all others, especially those who put up tomatoes whole.

Chalk's Early Jewel—The largest, smoothest and finest flavored extra early Tomato in cultivation! Within a week to ten days as early as the famous Spark's Earliana, it is a heavier cropper, with tomatoes of larger size and sweeter flavor.

All Tomatoes except where noted, pkt. 5c, oz. 20c, 1-4 lb. 50c, lb. \$1.75.



Dwarf Champion

Dwarf Champion—Most popular dwarf, variety in cultivation. The sturdy, stocky plants are of compact, upright growth, requiring no support. The handsome, purplish red fruits begin to ripen early and are produced throughout the season. The plants yield enormous crops until killed by frost. **pkt. 5c, oz. 25c, 1-4 lb. 60c, lb. \$2.**

Beauty—Of a very glowing crimson in color with a slight tinge of purple. It attains its size later in the season than Acme and other good sorts. It has yielded one-third more than Acme. In shape it is perfectly spherical. It has a thick skin and hence is not as liable as some other varieties to crack just after a rain. It has more solid flesh and fewer seed than average kind, and is less inclined to rot.

Dwarf Stone—The largest dwarf Tomato in existence. Double the size of Dwarf Champion and equally early. In habit of growth it resembles the Dwarf Champion, but the vines are stronger and stand more erect. The fruit resembles stone in color, shape and size. Ten fruits picked from one vine weighed five pounds and three ounces. Specimens weighing one pound each are found quite frequently. **pkt. 5c, oz. 25c, 1-4 lb. 65c, lb. \$2.25.**

Small Fruited Tomatoes—Excellent for preserves, pickles and pies.

Red Cherry Yellow, Plum, Red Pear shaped, Yellow Cherry, Yellow Pear-shaped.

All the above at **pkt. 5c, oz. 20c, 1-4 lb. 55c.**

"SPECIAL" KENTUCKY BLUE GRASS

Specially re-cleaned, heavy and pure, no chaff. We pride ourselves on purity and heaviness of our Kentucky Blue Grass. Most of the Kentucky Blue Grass offered is cheap, trashy, chaffy stuff, not fit to be called by the name. If you want a nice velvety Blue Grass lawn don't fail to order our special grade re-cleaned pure Kentucky blue grass. Price per lb. 40c, 10 lbs. \$3.75, per 100 lbs. \$35. Add 8c per pound if wanted by mail.



To grow flowers well the soil must be carefully prepared as for vegetables. Spade the beds to a depth of at least eighteen inches and make them rich with well rotted manure, thoroughly mixed in. A small quantity of sand will greatly improve stiff, heavy clay. **Don't bury your seeds.** Plant the largest, like Nasturtiums, not more than an inch deep, Balsams half an inch, Asters, a quarter of an inch, Petunias, Poppies, etc., on the surface. Firm the soil over the seeds with a board and keep it constantly moist. Don't allow seedlings to crowd each other. Transplant in cloudy weather or in the evening and shade from the sun a day or two.

FREE DISCOUNT—All Flower Seeds 5c per packet, except where noted. For each 25 cents sent, you may select one 5 cent packet extra. For 50 cents select 15 cents in seed extra, and for each \$1.00 select 25 cents in seeds extra. We prepay postage on all Flower Seed.

ASTERS

Excelsior Mixture of Dwarf Asters

Many of our customers find it difficult to choose among the strains of all dwarf asters, and where exact heights are not required we recommend the planting of our Excelsior Mixture. It is comprised of the most distinct and desirable colors of the different classes of dwarf asters, especially selected for this mixture, insuring satisfaction to the grower, **pkt 10c.**

Excelsior Mixture of Tall Asters

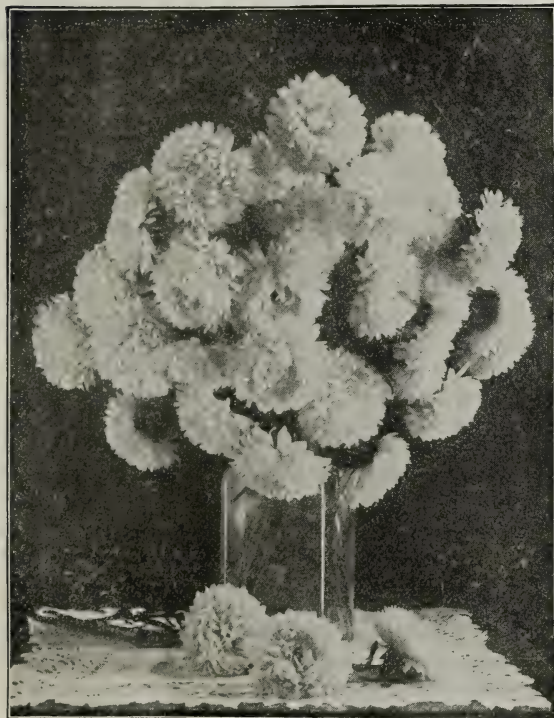
This is a mixture of the most beautiful, striking and distinct colors of all the tall growing asters. Selected from the cream of the tall varieties and especially for this mixture. This is the finest mixture of Tall Asters in existence and the most critical lover of this flower will be astonished at the wide range of colors and varieties given in this truly Excelsior strain, **pkt. 10c.**

Improved Peony Perfection

One of the handsomest sorts; flowers are borne on long wiry stems, are very large, 3 to 4 inches in diameter, very double, in shape like a peony. The petals incurve and give the flowers a ball like appearance. This is especially true during the early flowering season. Mid season to late flowering. **Pkt. 10c.**

Hohenzollern Aster—The finest type of the Giant Comet or Ostrich Feather type of Asters. Borne on long stems they make cut flowers, par excellent. Finest mixed **pkt. 5c.**

Sample's Branching—A class of very strong growing asters not coming into bloom until very late, but producing flowers so large, double, perfect in form and borne on such long stems that florists sometimes sell them for chrysanthemums. Finest mixed **pkt, 5c.**



Victoria Asters—A strain in which the petals curve outward, overlapping like those of the double dahlia. Plants about eighteen inches high are very free flowering; flowers of unusually attractive form and brilliant color.

Snow White.....	pkt. 10c.
Apple Blossom.....	pkt. 10c.
Bright Scarlet.....	pkt. 10c.
Light Blue.....	pkt. 10c.
Dark Blue.....	pkt. 10c.
Splendid Mixed.....	pkt, 10c.

4 Packets of any Asters listed at 10c per Pkt. for 25c prepaid.

Flower Seeds

All Flower Seeds 5c Per Packet, Except Where Noted

Alyssum

Popular little plants for edging or massing, blooming profusely all summer.

Sweet Alyssum—Of trailing habit. Fragrant.

Little Gem—Very dwarf and a great bloomer.

Antirrhinum (Snapdragon)

They blossom the first year, if seed is sown early. Slightly covered with leaves, they withstand our winters. One and one-half to two feet.

Giant Flowered, Mixed colors.

Dwarf Snapdragon, one foot, mixed colors.

Balsam (Lady Slippers)

An old-time favorite with brilliant double flowers. Succeed best in good rich loam. Height two feet.

Double Mixed—White, rose, pink, scarlet, etc.

Balsam Apple and Pear

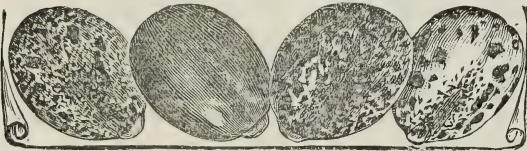
Ornamental climbers, with pretty foliage and flowers followed by handsome fruit, which when ripe, bursts open exposing the bright red seeds within. Ten feet.

Cypress Vine

Known and liked everywhere for its delicate fern-like foliage and beautiful star-shaped flowers. Fine for covering fences.

Mixed Colors—White and Scarlet.

Castor Bean (Ricin)



Each plant makes a perfect pyramid of foliage fourteen feet tall, with gigantic leaves three feet or more across.

Zanzibarensis—The most striking variety.

Cosmos

Giant Flowered Fancy Cosmos—These gigantic flowers measure from 4 1-2 to 5 inches across, petals fringed, pink toothed and plain, and in colors from pure white through shades of pink and red to rich dark red.

Early flowering Mixed.

Carnation Margaret

These popular flowers are easily grown from the seed, they begin blooming in a few months after sowing the seed. The large double flowers are sweet scented and beautifully fringed.

Calliopsis

A quick growing annual. The flowers are placed on graceful wavy stems and in color run through all the shades of red and yellow; foliage dainty; useful combined with other flowers.

Calendula

A perpetual bloomer, the flowers are oriental in color and exhibit every shade of yellow from ivory to deepest orange. Makes good cut flowers.

Candytuft

Indispensable for cutting. Always in bloom. When sown in April blossoms from July till frost. Very hardy.

Empress—A complete mass of snow white flowers. Mixed—White, carmine and crimson colors.

Canna

Crozy's Mixed—Few people know these tropical plants can easily be grown from seed and bloom the first summer if sown before April. Pierce the seed in one spot with a file and soak in luke-warm water for 24 hours before sowing.

Coleus

Probably the most popular of ornamental foliage plants. Leaves are of many shades of color and have a rich velvety appearance of extraordinary beauty. No lawn should be without these decorative plants. Tender perennial.

Finest Hybrids, Mixed. Extra choice.... Pkt. 10c.

Centaurea Cyanus, (Bachelor's Button)

Very free-blooming hardy annual; also called Blue Bottle, Ragged Sailor, Korn Blume, etc. Mixed colors.

Dahlia Seed

But few people know that Dahlias can be raised from seed and will bloom the first year. The Dahlias we offer, if sown early, will bloom profusely all fall. The seed germinate as easily and certainly as Zinnias, and from the very first development are strong stocky little plants. Plant them in a shallow box or pan early in March or April, transplant them carefully as their growth demands, and keep the soil moderately moist. When all danger from frost is over plant them in the bed or border in the garden, and from then on they will prove no more trouble than if the tubers had been used instead of seed.

Double Dahlias. Good mixed, many fine varieties.

Single Giant Perfection. This strain is a decided advance on the ordinary singles. The plants are of a strong, robust habit, and produce in great abundance flowers of immense size, averaging 6 inches across, of the most bewildering variety of coloring.

Double Cactus Flowered Mixed. With twisted and curled petals, pkt. 15c.

Dianthus

Double Mixed Chinese—Annual. Mixed, pkt. 5c.

China or Indian Pinks—Fine single, mixed, pkt. 5c.

Double Imperial—Variegated colors, pkt. 10c.

Double Heddiwigi—Large, single, white flowers. The plants grow one foot high and bloom profusely from early summer until frost. pkt. 10c.

Flower Seeds

Plumarius Clove or Grass Pinks

These very desirable sweet-scented, low-growing, early blooming and free flowering hardy garden pinks are unequaled for the border of beds, automobile drives, and the old-fashioned garden, and should be planted in quantities in any good garden soil with full sun and in an open situation.

Dolichos Hyacinth Bean

A rapid growing annual climber, flowers freely in erect racemes, followed by ornamental seed pods. Sweet scented.

Everlastings

These are mostly annuals with straw-like flowers that keep their form and color for years.

Mixture of many kinds.

Escholtzia—California Poppies

This mixture includes all single and double sorts, and is the finest and most complete mixture of these charming annuals in existence.

Fox Glove (Digitals)

An old-fashioned flower of stately growth; highly ornamental, large cup-shaped flowers; height three feet.

For-Get-Me-Not (Myosotis)

A favorite old-fashioned flower, bearing in profusion clusters of blue blossoms. It thrives well in the shade or open border. Hardy perennial.

Imperial Japanese Morning Glories

These grand New Morning Glories from Japan are remarkable for their large size and exquisite colors. Grow quickly to a height of 12 to 20 feet. They are of innumerable shades of blue, white, yellow, slate, copper, brown, bronze, almost black, and often seven or eight colors and tints in one flower.

Four O'Clock

Well known annuals of easy culture. Mixed colors.

Gourds

Hercules Club—Grown six feet long.

Sugar Trough—Often used for buckets.

Dish Cloth or Chinese Sponge—(Luffa.)

Nest Egg—Excellent for nest eggs.

Dipper Gourd—Used for dippers.

Small sorts, mixed.

Mock Orange—Yellow color.

Ornamental Pomegranate—Has delightful perfume.

Heliotrope

Highly valued for the fragrance of its flowers and

duration of bloom. Half hardy perennial, blooming the first year from seed.

Very choice mixed, 10c pkt.

Hollyhock

Entirely different and more beautiful than the plant of twenty years ago, being much more compact in growth, the flowers larger, more richly colored and the double varieties of better form. For a background to a flower garden nothing is better. Hardy perennial; five feet high.

Larkspur

The larkspur is one of the handsome and most useful of plants, and for large gardens is invaluable.

Double Dwarf Rocket, Mixed. Produce beautiful spikes of double flowers in many shades. Hardy annual; one foot high.

Loebelia

Elegant little plant of easy culture, completely covered with flowers from June until September.

Erinus Erecta—Blue and white mixed.

Mignonette

A very well known hardy annual producing dense spikes of exceedingly fragrant flowers. If sown at intervals in spring and early summer it will bloom until killed by frost. Seed sown in autumn will bloom early the following spring. Thrives best in a cold temperature. Hardy annual; one foot high.

Marigold

A well known magnificent plant, with handsome flowers, of rich, beautiful colors and neat compact, green foliage, producing a splendid effect in almost any situation. Half-hardy annual.

Double Tall African; Double Dwarf French.

Moon Flower

(Ipomoea Grandiflora Alba). Will grow thirty to forty feet in a single season and be covered with its large, white flowers every evening and cloudy day. The hard outer coat of the seed should be cut through with a sharp knife, care being taken not to cut any deeper than the hard shell, and the seed planted about 1 in. deep in moist soil in a box or a pan and set in a warm place. If the soil is kept moist, germination will take place in about 2 weeks. After the plants are up, plant outdoors in a sunny situation when danger from frost is past. Pkt. (12 seeds) 10c.

Flower Seeds

Nasturtiums

Next to sweet Peas, these are unquestionably the most popular summer flowers. They are of very easy culture and bloom freely the entire season.

Tall or Running—These grow very rapidly reaching a height of five or six feet. Flowers of rich coloring, from very light yellow to deepest Maroon.

Madam Gunter's Hybrids—Blotched and striped flowers of very brilliant and beautiful colors; grow about four feet high.

Dwarf Mixed—All colors and shades, blotched and striped.

Dwarf Chamelion—Single plants of this variety bear flowers of almost all shades found in Nasturtiums. The flowers change color from day to day until they fade. Are not only curious, but beautiful.

Petunia

Finest Single Flowering Mixed—Very free blooming and fine for bedding.

Phlox Drummondii

Grandiflora—No flower can surpass the Phlox in brilliancy or variety of color, or freedom of bloom. Large Flowering, finest mixed.

Portulaca Rose Moss

This plant will grow and bloom profusely in a dry, hot situation, where almost any other plant would soon die. Easily transplanted. In sowing mix the seed with dry sand to insure an even distribution. Sow in May when the ground is thoroughly warmed through. The flowers are of the richest colors.

Single Fine Mixed, 5c.

Double Fine Mixed, 10c.

Pansies

Giant Pansy Mixture—This splendid mixture is a blended combination of giant flowering pansies. It contains all colors and will prove a delightful surprise in regard to the great size and rich and varied colorings of its flowers. Very popular: **Pkt. 10c, 3 pkt. for 25c.**

German Pansies—The German Pansies are noted for their almost endless variations, which include striped, blotched, bordered, veined and marbled combinations, in every possible color and shade. The plants are of compact growth, and flower most profusely and continuously all summer.

Poppies

Shirley—Flowers exceedingly graceful and elegant; single; colors ranging from blush-white, delicate pink, rose, carmine, to bright, sparkling crimson, occasionally with white. The best and most showy of all single poppies.

Carnation Flowered Mixture of Double Poppies—Large sized flowers of all shades, many striped. The Opium Poppy.

Peony Flowered Mixture—Double ball shaped flowers of gigantic size, colors range from white to pink, carmine, scarlet, crimson, and maroon.

Sweet William

A splendid old-fashioned plant, producing its large heads of beautifully colored sweet scented flowers in great abundance. It is hardy, easily grown; and flowers the second year from seed.

Double Fine Mixed.

Single Fine Mixed.

All Varieties 5c per Pkt. Except Where Noted

Kaw Brand Plant Food

We have made our reputation by proving to our customers that our interests were mutual. We supply only the best. Only the best pays you or us. Write for any suggestions as to culture or anything regarding your fruit or flowers, and we will cheerfully give you the benefit of our experience of fifteen successful years.

The best plant food offered on the market. It is odorless, easy to apply and is highly concentrated.

You have, no doubt, marveled at the beauty of plants in the florist's shop or greenhouse and wondered how so beautiful a plant could emanate from so small an amount of soil. The secret, if secret it be, is in the weekly feeding it is given by the florist.

One teaspoonful of **Kaw Brand Plant Food**, dissolved in a pint of water, is equal in fertilizing property to one gallon of liquid manure.

Price for good sized package, enough for an ordinary number of house plants for several weeks, **15c.** By mail postpaid, **30c.**

Bulbs for Winter Blooming

We carry in stock usually during October, November, December and January a choice assortment of Hyacinths, Tulips, Narcissi, Jonquills, Chinese Lilies, Crocus, Easter Lilies, etc. If you wish any of these, write for our price.

We will gladly furnish you expert advice on anything regarding your flowers.

SUMMER FLOWERING BULBS

Tuberose

Excelsior Pearl—A favorite flower everywhere. This new sort is distinguished by its short robust stem completely covered by large blossoms fully twice the size of the old tuberose and quite double. The flowers are very fragrant and of the purest waxy-white color. Large selected bulbs by mail postpaid, each **5c**, six for **25c**, **45c** per dozen.

By express not prepaid **25c** per dozen.

Caladium

Also called Elephant Ears. An excellent decorative foliage plant with gigantic, velvety leaves; of exceedingly rapid growth and tropical appearance. The leaves are often two feet long and a foot across.

Good sized bulbs, 6 to 7 in. around. By mail postpaid each **10c**, 3 for **25c**. By express **80c** per dozen.

Medium bulbs 8 to 9 in. around. By mail postpaid each **15c**, 2 for **25c**. By express **\$1.25** per doz. not prepaid.

Mammoth Bulbs 10 to 12 in. around, each, **25c** prepaid.

Madeira Vine

A rapid growing climber with beautiful waxy foliage and graceful clusters of flowers of pure white color and delicate fragrance. Very ornamental and useful for shading verandas, arbors, or covering unsightly sheds, stumps, etc. Good strong bulbs by mail postpaid, each **5c**, 6 for **20c**, **35c** per doz. By express not prepaid per doz. **25c**.

Bedding Cannas

Dormant bulbs.

King Humbert

Grand bronze-leaved Canna. The flowers are extremely large. Color bright orange-scarlet streaked with crimson; a strong grower, one of the best for show. Height 5 feet. Each **20c**, doz. **\$2**.

Green Foliage Varieties

Florence Vaughan—5 ft. The most famous of all Cannas. It still remains the best type of new Cannas. The flowers are of rich golden yellow, thickly dotted with bright golden red. **15c** each.

Mad. Crozy—3½ ft. Vermillion with gold border. The sort which popularized the Canna. **15c** each.

The Express—2½ ft. Bright scarlet crimson. Large broad flowers in immense trusses. This is the best dwarf red Canna. Each **20c**.

Buttercup—3½ ft. A true bright buttercup yellow, large. Each **20c**.

Improved Mont Blanc—Large pure white. The plant is very robust and carries its flowers well above the foliage. Each **25c**.

CANNAS, Tall red leaf variety, **5c** each, **50c** per doz.

Postage extra **5c** each on any of above Cannas.



Gladiolus

Superb flowers, embracing a wide range of colors, from delicate shades of pink and primrose to deepest crimson and maroon, also striped and variegated. For a continuous effect the bulbs may be set out at intervals of several weeks apart. When cut and placed in a vase of water, the blossoms may be kept a long time. Best mixture, including all colors and shades, striped and variegated. By mail postpaid, each **5c**, three for **10c**, **40c** per dozen. By express not prepaid **25c** per doz.

Lily Of The Valley

Best Berlin pips. 6 for **15c**, doz. **25c**, 25 for **40c**, 100 for **\$1.50**.

Dahlias

Large Show Dahlias

Any of the Show Dahlias, strong roots, **20c** each; **\$2** per doz. Postpaid.

Show dahlias are those of solid color except that in certain varieties the tips of the petals may be of another. They are usually round, ball-shaped and are always beautiful and compact, desirable for cut flowers.

A. D. Livoni—A beautiful soft pink flower with quilled petals, full to the center. An early and profuse bloomer.

Summer Flowering Bulbs

DAHLIAS, Continued.

Miss May Lomas—A delicate white suffused and tipped light lavender. Flowers are of good size borne on erect, stout stems. A very free bloomer and a fine cut flower variety.

Queen Victoria—Handsome deep yellow. Flowers finely quilled; very early, and free blooming.

Floral Park Jewel—Deep maroon to blush-white flowers are produced on the same plant.

Crimson Beauty—A fine rich crimson. Flowers large and beautiful.

John Walker—Pure white. Flowers are full and beautiful.

One each of the above six Show Dahlias for \$1.00. Postpaid.

Cactus Dahlias

Each **25c**, Doz. **\$2.50**. Postpaid

The Cactus forms of Dahlias are exceedingly beautiful, and are hard to excel. They have long twisted petals and embrace nearly all the colors and shades to be found in any of the other types.

Kriemhilde—An exquisite shell pink shading to white in the center. Undoubtedly the finest and most perfect pink Cactus Dahlia to date, and as a cut flower supersedes all the other pink sorts.

Uncle Tom—A deep velvety maroon, almost black.

Volker—Clearest canary yellow; large, exquisite Cactus form. An early and extremely profuse bloomer, the plants being literally covered the entire season.

Winsome—Undoubtedly the finest white Cactus to date. Flowers are very large and beautiful, with twisted, incurved petals and are borne on long, erect stems holding the flower up in marked contrast to other white Cactus Dahlias.

Santa Rosa—A bright glowing scarlet. The flowers are very large and full to center. Exceedingly free flowering.

1 Each of above 5 Cactus Dahlias \$1.00 Postpaid.

Flower Seeds

Salvia

Splendens Grandiflora—Gorgeous plants with numerous spikes of intensely vivid scarlet flowers ten to twelve inches in length. Continues to flower profusely all summer and fall. Easy of growth. The most popular Salvia in cultivation. **Pkt. 10c.**

Stocks, Large Flowering

The flowers appear on long, stiff stalks like small rosettes, are exceedingly fragrant and range through a most complete scale of all the soft and distinct shades.

Dwarf German 10 weeks

This class is a favorite for out door bedding.

Scarlet Runner Bean

Ornamental climber. Bright scarlet spray of bloom followed by delicious edible beans.

Sunflowers--Minature.

Special mixture, **5c pkt.**

Verbenas

Mammoth, mixed—A carefully selected and fine strain of Verbenas. The trusses and individual flowers are of the largest size, of brilliant colors; free-blooming and of vigorous habit. For best results seed should be sown early in the house or hotbed, and transplanted in the beds in May. **Pkt. 10c.**

Fine mixed—A very satisfactory assortment; containing many fine colors and shades.

Zinnia

A very showy and brilliant annual of easy culture. Stands the heat of summer well, and succeeds in any common garden soil. **Mixed.**

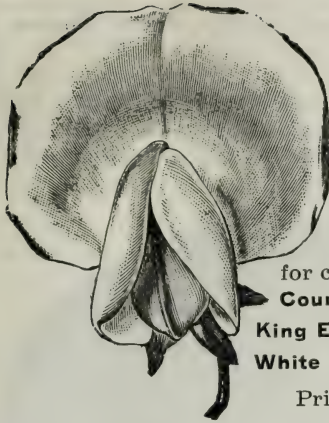
Curled and Crested—A strain of fantastically shaped flowers, with twisted petals. **Pkt. 10c.**

Wild Cucumber

This is the quickest growing Climber in our list. It will grow thirty feet in one season. It is thickly dotted with pretty white fragrant flowers, followed by an abundance of ornamental prickly seed pods.

SWEET PEAS

Countess Spencer Type



In comparatively the last few years sweet peas have taken a new place in our affections, when the frilled or Countess Spencer varieties appeared and now they may be obtained in many distinct colors. They have large round open flowers of extraordinary size, usually two inches across, with waved, fluted and crumpled standard and wings. A very large percentage bears four of these immense flowers to a stem, which is extremely long and wiry making them exceptionally valuable

for cutflowers.

Countess Spencer Variety—Pale pink with darker edge.

King Edward VII Rich dark red Spencer.

White Pure large white Spencer.

Price of each of above varieties, 10c, pkt. 20c oz.

Sweet Peas---Large Flowering Eckford & Unwin Types

The Best Named Sorts, packet 5 cents, ounce 10 cents

Countess of Lathom—Cream pink, self colored. Medium size, hooded form.

Extra Early Blanche Ferry—Standard Rose; wings white tinged with pink.

Dorothy Eckford—The best white.

Hon. Mrs. E. Kenyon—Large Primrose.

King Edward VII—The best red sort.

Lady Grisel Hamilton—Standard Mauve, wings lavender.

Lotta Eckford—Standard white, quite heavily shaded throughout with lilac.

Lovely—Standard and wings both deep pink shading to a very light pink at the edges.

Miss Wilmott—Standard orange pink, showing veins of deeper orange pink.

Mont Blanc—Pure white, medium size, open form and very early. Plant is dwarf.

Navy Blue—Indigo and violet; the whole effects of the flower is very blue.

Othello—Very dark maroon, showing veins of almost black; large size, hooded form.

Prima Dona—Pure pink, self colored. Flowers good size.

Prince of Wales—Rose crimson, self colored. The vine is a very vigorous grower.

Oriental—The large, finely formed flowers are a distinct bright orange of a very brilliant and striking shade.

Stella Morse—The large flowers of this variety are the finest form and a peculiar warm salmon-pink.

Gladys Unwin—Pale rosy pink.

Dainty—White with pink edge, unique.

Our "Rainbow Mixture" of Sweet Peas

This is without doubt one of the grandest mixtures of Sweet Peas ever offered. During the several years we have sold it, we have received innumerable testimonials praising the exquisite coloring and profusion of blooms. The different kinds and sorts contained in this mixture are grown separately so that we have an opportunity to choose only the largest and most beautiful varieties. These we mix ourselves in proper proportion for the most brilliant effect. It embraces the finest American and Eckford varieties as well as the latest novelties and will produce a great abundance of giant flowers of beautiful colors. Some are edged, mottled, blended, flaked and striped. Without exception this is the very finest mixture it is possible to make. We recommend that our customers buy these seed by weight and plant liberally. Price, pkt. 5c, oz. 10c, 1-4 lb. 25c, lb. 90c postpaid.

Cupid Sweet Peas

Distinct as possible from other sorts; 6 to 9 inches high, spreading out and forming a mass 1½ feet across. Of very neat, compact bushy habit, with flowers as large and fragrant as the tall kinds. Fine for pots, borders and masses.

Cupid Mixed Colors

Contains all the known colors and varieties of Cupids, and in many respects is like our Special Mixture of tall varieties.



NORTHERN GROWN SEED POTATOES

Purchaser must pay express or freight charges on all Seed Potatoes, Field Seeds, Poultry Supplies and Fertilizers. Except where noted.

No potatoes grown can be compared with those in the North, either for vigor and freedom from disease or producing and long keeping qualities. As the prices on Seed Potatoes are so uncertain we do not attach any prices by the bushel, but will promptly quote prices on request, and we solicit your patronage in this line, and guarantee you **GOOD HONEST GOODS.**

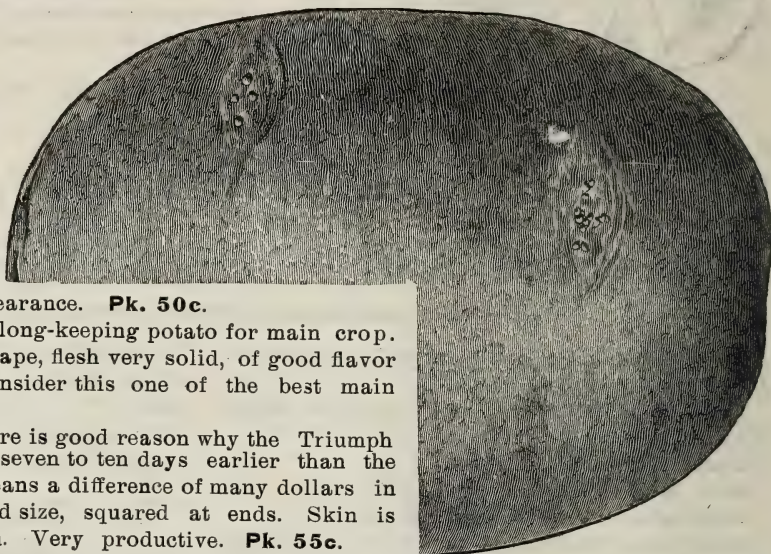
Early Ohio—Ours are the pure Ohio carefully grown especially for seed in the famous potato country of the North, and will yield crops that will surprise you. By express or freight, **pk. 50c.**

Rural New Yorker—Tubers nearly round, flattened, with very smooth, pure white skin, always attractive in appearance. **Pk. 50c.**

Burbank—A fine table and long-keeping potato for main crop. The tubers are oblong in shape, flesh very solid, of good flavor and snowy white color. We consider this one of the best main crop varieties. **Pk. 50c.**

Extra Early Triumph—There is good reason why the Triumph should be popular. It is from seven to ten days earlier than the Ohio, and that oftentimes means a difference of many dollars in the crop. The potato is of good size, squared at ends. Skin is red, flesh is very white and firm. Very productive. **Pk. 55c.**

Early Red River Rose—Medium early in season, large size, pinkish white, rather long, great yielder and fine quality. **Pk. 45c.**



SEED SWEET POTATOES

The Two Best Sweet Potatoes BIG STEM JERSEY



The color outside is Old Gold and is very attractive. Inside, very rich yellow. The table quality is unsurpassed. In appearance unexcelled; all seeming to shape up well whether large or small. (In fact there are not many small ones in them.) Their color the richest yet; their table qualities second to none; their keeping qualities are among the best. Will grow more potatoes on poor land, with less fertilizer than any other variety we have ever seen. They sell readily in any market. We have sold this variety for the last three seasons and will say that we know of nothing better in Sweet Potatoes. Price of plants 100 by mail prepaid 40c. By express or freight, 100 plants 30c, 500 or over at \$2.50 per thousand. Price of seed, 1-2 **pk. 40c, pk. 70c, bu. \$2.50.**

Yellow Nansemond—The old standard long, yellow potato, considered one of the sweetest varieties grown. Price, **pk. 45c, bu. \$1.50.**

Red Bermuda—The best known of all the red varieties, very large, sweet, and a good yielder. **pk. 50c, bu. \$1.75.**

Southern Queen—A large white potato, of good flavor and a good yielder. **pk. 50c, bu. \$1.75.**

Forked Leaf Vineless—Short, heavy vines, making easy cultivation, a good yielder of large size potatoes, skin smooth, flesh light cream. **pk. 50c, bu. \$1.75.**

PROVIDENCE

One of the newest, and sure to become the standard when better known. In color the Providence is a satiny red, skin smooth, and potato even in shape and size. The flavor is exceedingly fine and flesh very tender and sweet, not stringy. One of the best yielders, making good yields on any ground not too poor. As a market variety the Providence is sure to become a winner. Price the same as Big Stem Jersey.

Yellow Jersey—Similar to Yellow Nansemond. A good variety. **pk. 45c, bu. \$1.50.**

Sweet Potato Plants. All the above varieties except where noted, 100 plants 25c, per 1000 \$2.00. Purchaser to pay express charges. Write for prices on larger quantities.

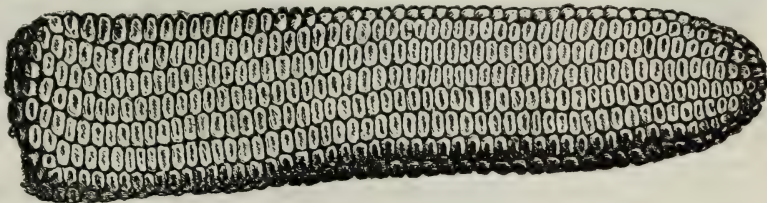
TUCKERS' THOROUGHbred SEED CORN

Carefully Sorted, Well Cured and Tested

One bushel of Field Corn Seed will plant from five and one-half to eight acres, according to variety and whether the hill or drill method of planting is followed. Our thoroughbred Field Corn Seed only costs you 25 or 30 cents for sufficient seed to plant an acre. We earnestly urge you to plant the best Field Corn Seed that our many years of experience has been able to produce.

Reid's Thoroughbred Yellow Dent

If any seed grain can truly be called pedigree the Reid's Yellow Dent Field Corn is certainly entitled to be known as such, as its history dates many years back. It has been bred-up and selected with painstaking



Reid's Yellow Dent

care to what is at the present one of the best varieties of yellow corn grown. Ear medium in size, remarkably uniform, and of bright yellow color, with solid deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob, 50 to 60 grains in the row, and is well filled over the ends, and especially the butt, leaving a small shank, which makes it a great favorite with huskers. Best shredding sort, as it shatters the least of any by actual test. Reid's Yellow Dent Corn has won more blue ribbons at the large corn shows than any other variety. **Qt. postpaid 35c.** By express or freight, **gal. 45c, pk. 75c, bu. \$2.50, 2 bu. for \$4.25.**

Jumbo Special

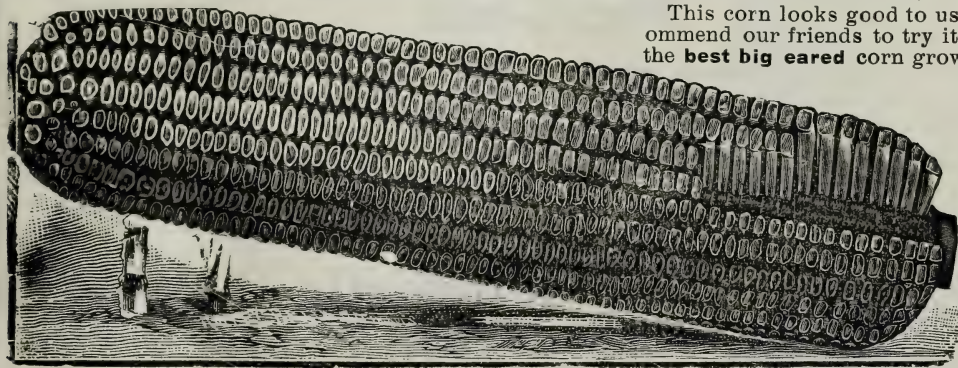
A variety of great merit offered and named by us 2 years ago, and, as anticipated, it has met with great favor wherever it has been thoroughly tested. Our description of Jumbo Special Field Corn consists of plain statements and simple facts.

Large ears, having from 18 to 20 rows of grains. Length from 9 to 11 inches. Very deep grains. Color yellow to yellowish red. Kernels dented and rows run very even on the cob. Matures in 100 days. This corn, as a whole, is indicative of its name and will certainly surprise you by the depth of its large kernels, the amount of shelled corn from a bushel of ears. and its yield per acre.

This corn looks good to us and we recommend our friends to try it. If you want the best big eared corn grown, with large,

heavy, deep grains and small cob, a yellow corn that is strictly right. Plant Jumbo Special.

Our stock of seed is strictly first class. **Qt. postpaid 35c.** By



Jumbo Special

express or freight, **pk. 75c, bu. \$2.50, 2 bu. for \$4.25.**

Gold Nugget

The Deepest Grain Yellow Corn Known

The depth of grain of this new variety will surprise you, in all our many years of experience in the seed business, we have never seen anything to equal it. Grains are good breadth, tapering down to about one half at the lower end. Ears are medium length, with 20 to 24 rows of grain. Color, a golden yellow, Gold Nugget is medium early. Ears grow just the right height on the stalks for easy shucking. Gold Nugget will shell more pounds to the bushel than any other variety.

Give this new corn a trial and surprise yourself and neighbors. Our supply is limited, order early. **Qt. postpaid 40c.** By express or freight, **qt. 30c, pk. 80c, 1-2 bu. \$1.50, bu. \$2.75.**

BOONE COUNTY WHITE



A pure bred white corn of very large size and high fattening and milling qualities. It is rather a late variety, maturing in from 110 to 115 days. Years of scientific breeding and patient selection has developed this variety into the largest yielding white corn known, giving it the following fixed characteristics.

A very large, fat, heavy ear, tapering only slightly from butt to tip, rounding off nicely within an inch of the top; eighteen to twenty-four rows of about fifty kernels each, carried out to the full length of the ear.

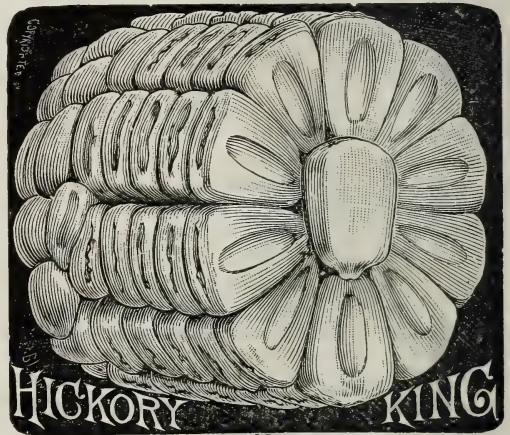
Tips and butts that are exceptionally well filled out, so little waste space is there between the kernels that the entire surface of the cob is completely covered with practically a solid layer of grains one-half to three-fourths of an inch deep.

A white cob of only medium size, which, together with its depth of grain, gives it a remarkably high selling percentage. Kernels that are of ideal shape, creamy white color, moderately rough with large germ. A very strong vigorous stalk, ten to fourteen feet high, with the percentage of weak and barren stalks reduced to the minimum.

By mail prepaid per quart **30c**, by express or freight peck, **60c**, bushel **\$2.50**, 2 bushels **\$4.25**.

Hickory King—This white field corn has the largest grains, with the smallest cob, of any white corn. So large are the grains and so small the cob, that on an ear broken in half, a single grain will almost completely cover the cob section. Of strong growth, the stalks take a firm hold in the ground and stand upright. It yields splendid crops on light soil. Frequently grows with two ears to the stalk. Quart, postpaid, **35c**. By express or freight, peck **75c**, bushel **\$2.50**, 2 bushels for **\$4.25**.

Mammoth White Columbian—Undoubtedly one of the largest known varieties of white corn. Has from 14 to 18 rows of broad, deep grains to the ear, while the ears average about 11 to 12 inches in length. We highly recommend this variety, especially to farmers who have deep, rich bottom land. Quart postpaid, **35c**, by express or freight, peck **75c**, bushel **\$2.50**, 2 bushel for **\$4.25**.



Pop Corn

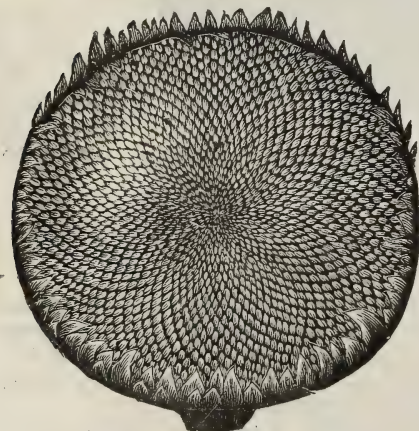
White Rice—The most popular sort and the best.

Queen's Golden—A fine yellow sort; pops perfectly white and very large; immensely productive.

White Pearl—A smooth white pop corn of excellent popping qualities. Ears not as large as

Queen's Golden or White Rice, hence not so valuable for a market crop.

Price of any of above varieties of pop corn. Select ears by mail postpaid **10c** each, 3 for **25c**. Hand selected shelled corn of each of the above varieties postpaid pound, **20c**. By express or freight, pound **10c**, 5 lbs. for **40c**, 10 lbs. **75c**.



Mammoth Russian Sunflower

Mammoth Russian Sunflower

Unequaled as a Food for Poultry

Mammoth Russian Sunflower produces very large heads, often twenty inches across, which are completely filled with striped grains. It makes an enormous yield of seed. It is a good food for stock, and cannot be equaled as a food for poultry. Plant when the ground becomes warm, at the rate of two pounds per acre.

Price by mail, postpaid, **1b. 20c**, by express or freight, **1b. 10c**, **10 lbs. 75c**, **25 lbs. or more at 6c per lb.**

RE-CLEANED GRASS AND CLOVER SEED

Specially Selected for High Purity and Strong growth

Our Grass and Clover Seeds are selected with special reference to their quality. Purchasers may rely upon our best exertions to furnish them with these vitally important qualities—fresh, pure, and free from noxious weeds and foreign seed.

Prices on Grass and Field Seeds are changing almost daily. Our single pound prices include postage paid by us. Deduct 10 cents per pound from pound prices if it be sent with other goods by express or freight. Those wanting seeds in larger quantities than here quoted should write us for special rates and we shall be glad to carefully price, and fully advise you regarding your special requirements. We will gladly mail samples on request.

Perfect Alfalfa Seed

Specially High Grade, Re-Cleaned Seed, Absolutely Pure and Highest Germination

We pride ourselves on our perfect grade of Alfalfa seed. One half of your success with Alfalfa depends on getting the right grade of seed. You will make no mistake by ordering from us.

In feeding value Alfalfa ranks higher than Red Clover. Once a good stand is secured it will last from ten to fifteen years, gives three to four cuttings per year, yielding from three to four tons per acre. Sow in rich, moist loam or sandy soil, having a deep subsoil. Prepare the land thoroughly and sow seed at the rate of 15 to 20 pounds per acre, with a broadcaster or grass seeder. Cover with a brush or light harrow. Young plants are quite tender, and the land must be free from weeds until they become established. **lb. postpaid 30c.** By express or freight **10 lbs. \$2, bu. \$11.**

Clover Seed

Alsike, or Hybrid (Swedish)—Hardest of all clovers. On rich moist soil yields large quantities of hay or pasture. Will thrive in soils which are so wet that the common Red Clover would not live. Unlike some of the other clovers, which have tap roots Alsike has many fibrous roots, hence is not injured by freezing and thawing of the ground. Esteemed highly by bee keepers. Sow 7 lbs. per acre. **Lb. 45c, postpaid; 10 lbs. \$2.25.**

Mammoth Clover—Valuable with other grasses for mixed hay. Ripens about with timothy. Being a rank grower it is used largely for plowing under. Sow 10 lbs. per acre. **Lb. 40c, postpaid. 10 lbs. \$2.70.**

Medium, or Common Red—The most important and valuable of the Clover family. Makes the best of hay. Sow 10 lbs. per acre. **Lb. 40c, postpaid; 10 lbs. \$2.70.**

White Dutch Clover—Good in permanent pastures, especially for cattle; valuable for bees, and the best variety for lawns, as it forms a close herbage and remains green throughout the season. Sow in spring at the rate of 5 lbs. per acre when sown alone. **Lb. 50c, postpaid; 10 lbs. \$4.00.**

Crimson Clover—Should be sown in July, August and September of each year. Can be sown with corn, or any cultivated crop. Sow 10 to 15 lbs per acre. Cover lightly. Use only American grown seed. The spring following it can cut for soiling by April 20; for ensilage May 1 to 15; for seed first week in June. **Lb. postpaid 35c, 10 lbs, \$2.25.**



Alfalfa

GRASS SEEDS

Any grass, fodder or forage plant you want and do not find quoted, write for special prices.

Red Top—Valuable for hay, also grazing; does best on moist land. **Lb. postpaid 35c.** By express or freight **lb. 35c, 10 lbs. \$2.25.**

Kentucky Blue Grass—Succeeds finely on hill lands, and produces the most nourishing food for cattle, retains its qualities to a late period in winter. Sow early in spring or during the months of October and November. Fancy clean seed, **lb. postpaid 50c, by express or freight, 10 lbs. \$4.**

Meadow Fescue, or English Blue Grass—This is excellent for hay when sown with other grasses, such as Orchard Grass and Timothy, and is also one of the best grasses for permanent pasture on a great

variety of soil. Sow 30 to 40 pounds to the acre. **Lb. postpaid 40c, by express or freight, lb. 30c, 10 lbs, \$2.50.**

Orchard Grass—For meadows and pastures; stands drouth well, blooms with red clover, best in orchards. **Lb. postpaid 35c, by express or freight lb. 25c, 10 lbs. \$2.10.**

Timothy—This is decidedly the best grass for hay, making a large return on strong rich clay, or medium state of moisture. By express or freight, **lb. 25c, 10 lbs. \$2.25.**

Bermuda Grass—Per lb. \$1.25, 10 lbs. \$11.

Bromus Inermis—Particularly adapted to poor, dry soils which are not adapted to other grasses, used both for pasture and hay. **Lb. postpaid 35c, by express or freight lb. 25c, 10 lbs. \$2.25.**

GRASS SEED MIXTURES

Mixed Grasses, for Meadows and Permanent Pastures—We are prepared to furnish seeds adapted to all soils, all situations and all purposes—for light, medium and heavy soils. By light soil we mean that which is more or less of a sandy or gravelly nature; the heavy clay and heavy loams, while the medium is an intermediate between these two. A light, wet soil, with respect to the grasses suited to it, may be considered same as too heavy soils, and a dry, heavy soil more as the light soils. Write us for what you want, giving nature of soil, number of acres, etc., and we will, with pleasure, give you estimate and terms.

GENERAL LIST OF FARM SEEDS

Write for prices. As the prices of Farm seed are continually changing, we do not give Catalogue prices on quantities, except in some cases, but will gladly mail samples and quote lowest net prices on request. If you want information on anything connected with the seed line, write us, we will take pleasure in giving special cultural directions or advice at any time. Terms: Cash with order. Express or freight charges always to be paid by purchaser.

COW PEAS

Cow Peas have become too well known to need much description. Taking into consideration their feed value as compared to other forage crops, we know of nothing more profitable to grow for the stock raisers and dairymen. Also don't forget the benefits to your land that are derived from growing a crop of peas.

New Era—An early variety. Can be sown after wheat is taken off the ground and still produce a good crop of forage or peas, besides increasing the fertility of the soil for the succeeding crop and leaving the ground mellow and free from weeds. Price by mail, postpaid, **pound 20c**, by express or freight **lb. 10c**, **1-2 peck 40c**, **peck 75c**.

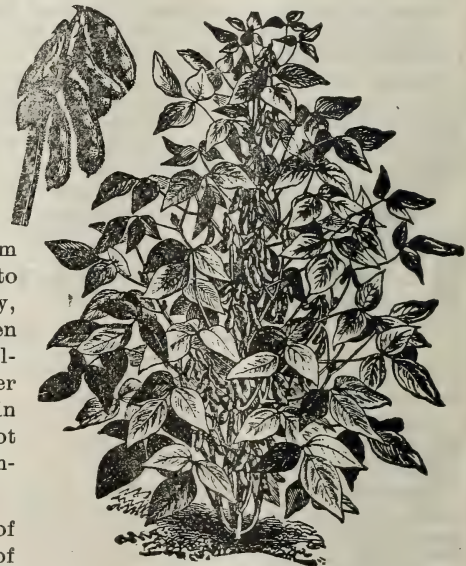
Whippoorwill—A favorite, early, upright growing variety, more largely used and sold than any other kind. Has brown speckled seeds which are easily gathered. Makes a good growth of vine which can be easily cut and cured as dry forage. Postpaid, **lb. 20c**, by express or freight **lb. 10c**, **1-2 pk. 45c**, **pk. 80c**.

White Blackeye—A variety largely grown in some sections. Seed small, white with black eyes. Also adapted for table use. Price same as Whippoorwill.

Black—Probably makes more vines than any other variety; a very rank grower, hence valuable for a hay crop. Price same as Whippoorwill.

Soy or Soja Beans

As a feed for live stock, whether grown for the hay or for the beans, threshed to feed with some other grain, its value cannot be overestimated. As a fertilizer it is equal to clover. Any good corn soil will grow Soy Beans. The plant is not molested by insects of any kind, and heat and drouth do not affect it. The yield of beans is from 20 to 30 bushels per acre. In feeding value they are richer than linseed meal. Experiments at the Kansas Experiment Station show that by adding one-fifth Soy Beans to Corn or Kaffir Corn when fed to hogs, a saving in feed of from thirteen to thirty-seven percent was effected. When fed to milch cows, using three or four pounds of beans per day, along with other feed, the milk yield will be doubled. When grown for the beans, they should be drilled in rows and cultivated like corn, using about one-third bushel of seed per acre. For hay they should be sown thickly, broadcast or in drills, at the rate of one bushel per acre. They should not be planted until after the ground has become warm after corn-planting time.



Soy Beans

Mammoth Yellow—One of the largest known varieties of Soy Beans produces a world of foliage and beans. One of the best for this climate. Price, postpaid, **pkt. 10c**, **qt. 35c**, by express or freight, **qt. 20c**, **1-2 pk. 70c** **pk. \$1.25**, **bushel \$3.90**.

Early Medium Soy—The standard variety. Does not grow as large as the preceding variety, but makes lots of feed and beans. Price postpaid, **pkt. 10c**, **qt. 35c**, by express or freight, **qt. 20c**, **1-2 pk. 70c**, **pk. \$1**, **25c bu. \$3.90**.

RAPE DWARF ESSEX

It is extensively grown for forage. Farmers who desire to get young cattle, sheep, lambs or young hogs into favorable condition can do it most cheaply by growing this Rape. Prepare ground as for turnips, and sow as soon as frost is out. It is ready in about six weeks. Also sow in June or July broadcast at the rate of 3 or 4 lbs. to the acre. When eaten down before it has made its full growth it will come up again with more or less vigor. Used as pasture, not for hay. Our stock is the True Dwarf Essex, and not the worthless annual. Postpaid, **lb. 20c**. By express or freight, **lb. 10c, 10 lbs. 80c, 50 lbs. \$3.75, 100 lbs. \$7.00**.

HAIRY VETCHES

A Wonderful Forage or Pasture Plant

Also called Winter Vetch. This useful plant is noted for its extreme hardiness and is valuable for forage and fertilizing purposes. It is an annual, but drops its seeds freely, and will come up year after year on the same ground. The Department of Agriculture estimates the value of an acre of Vetch plowed under equivalent to \$16 worth of commercial fertilizer. A sowing made in August or September covers the ground before winter prevents washing during the winter and early spring. It can also be sown in April and will be ready to cut by the middle of July, the second growth affording excellent hog pasture during the summer. The yield of forage varies from 10 to 15 tons per acre, equal to 3 or 4 tons when cured as dry hay. Sow in drills, using 30 lbs. per acre. **Lb. 50c**, postpaid. Not prepaid **10 lbs. \$1.50**. Larger quantities at **14c** per lb.

EGYPTIAN WHEAT OR SHALLU

A valuable new grain, entirely different from wheat. Some people say it is the Egyptian Wheat or Corn mentioned in the Bible. Our growers say "It belongs to the Sorghum family and should be planted like cane or milo, either for grain or hay. Broadcast, it makes from four to eight tons to the acre. In drills, it yields twenty-five to fifty bushels of grain per acre. The grain is white inside and has a light hull. The heads are large and heavy, the grain hanging on one side. The grain makes better bread than Maize. All stock love it, and do well on it. With milch cows it is superior to cottonseed for milk and butter. It makes hens lay better than any poultry food. The plant grows from 5 to 7 feet tall, and produces more and better fodder than cane. It will stand more wet or dry weather than maize or cane. We don't believe there is such a thing as failure with it." Plant in drills 3 feet apart, using ten pounds of seed per acre, or broadcast, using from two to four bushels. **Lb. 35c**, postpaid; by express, not prepaid, **lb. 15c, 20 lbs. \$2.00, 50 lbs. \$5.00, 100 lbs. \$9.00**.

SORGHUM OR SYRUP CANE

Ribbon Cane

Early Orange

Makes the finest Sorghum. (Straight Head Variety)—A very strong and tall-growing variety, noted for the immense quantities of finest syrup which it produces. It has yielded from 300 to 400 gallons of molasses per acre. The strong, leafy stalks make excellent forage. Plant in rows 3 1-2 feet apart, eight to ten pounds to the acre. **Lb. 25c**, postpaid; by freight or express, **lb. 15c, 20 lbs. \$2.50, 50 lbs. \$5.50, 100 lbs. \$10**.

With taller and heavier stalks than Early Amber. Largely used for hay and fodder. Excellent for making syrup. **Lb. 20c**, postpaid; by freight or express not prepaid **lb. 10c, 25 lbs. 75c, 50 lbs. \$1.50**.

Cane Seed for Fodder

Cane seed is also now largely grown for stock feeding. It yields heavy. It can be raised anywhere and is sown extensively in dry sections where tame grasses cannot be grown readily. Cattle, horses and sheep relish it greatly on account of its sweetness. For forage sow 50 to 100 pounds broadcast to the acre. We sell many carloads of Cane Seed annually for fodder, and will be pleased to name special prices on application. State quantity wanted.

Early Amber

The earliest type in cultivation. Black-hulled. Stalks tall and slim. Most suitable for hay, as it matures very quickly. Makes syrup of excellent quality. **Lb. 20c**, postpaid; by freight or express, not prepaid **lb. 10c, 25 lbs. 75c, 50 lbs. \$1.50**.

KAFFIR CORN

One of the best things offered of late years for a forage plant. It is greedily eaten by horses and cattle, and makes an excellent food for poultry, either fed in grain or ground and cooked. Grows on land too poor for corn.

White—The best variety, postpaid, per lb. 20c; not postpaid pk. 35c, bu. \$1.10, 2 bu. \$2.00.

Jerusalem Corn

Pronounced the best and surest grain crop for dry countries and seasons. It grows about 3 feet high, makes as high as eight heads on one stalk; grain pure white. Three pounds will plant one acre. Postpaid, 1 lb. 25c, not postpaid, 5 lbs. 50c, 10 lbs. 80c.

Yellow Milo Maize

Stools well, immense heads, and stands severe drouth. Postpaid, 1 lb. 25c, not postpaid, 5 lbs. 40c, 10 lbs. 75c.

Broom Corn

Improved Evergreen. This Broom Corn grows about 8 to 10 feet high, stands up well, and is entirely free from crooked brush. The fiber is long and fine. Its great value is, that it will not get red in the field before it is cut, but is strictly a green variety of brush commanding high price, lb. 10c, 5 lbs. 40c, pk. 60c. bu. \$2.

Dwarf Broom Corn—This variety grows only three or four feet high, and is much easier handled than the tall growing sorts. The brush is straight, smooth and of good quality. Price by mail, lb. 20c, by express or freight, pk. 60c, bu. \$2.00.



Kaffir Corn

MILLETS

Japanese Barnyard

Also called "Billion Dollar Grass"—This wonderful and valuable new forage plant was introduced into this country by Professor Brooks of the Massachusetts Agricultural Experiment Station. It has proven an enormous yielder in all sections of the United States—hay and fodder of most excellent quality growing on any soil, yielding three to five tons per acre and growing three to four feet in height. Cattle and horses eat it greedily. Sow in May and June broadcast, fifteen to sixteen pounds per acre (it stools remarkably,) or in drills twelve pounds per acre.

Price by mail, postpaid, lb. 25c, 3 lb. 60c; by express or freight, lb. 15c, 10 lbs. \$1.20, bu. of 34 lbs. \$2.25.

Japanese Buckwheat

The best sort for the West. It matures seed early, resists drouth better, and more vigorous and hardy than the old sorts. The grains are almost again as large as the old sorts, and the yield is much larger. It should be sown from the middle of July, broadcast, at the rate of one-half bushel per acre. This sort will yield on an average 30 bu. per acre. It quickly gathers moisture when left standing in the field, and for this reason should be threshed as soon as dry. Unequaled as a plant for bees. Price pound, postpaid, 30c, by express or freight, pk. 50c, bu. \$1.75.



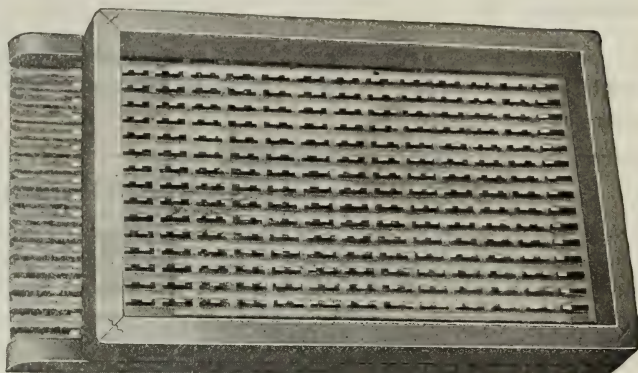
TRUE GERMAN

Is a strong grower and will yield enormous crops of the finest hay, and should be cut before the seeds will harden. Can be sown late after some early crop, and if sown early, will mature in time for the ground to be plowed for wheat, and leaves the ground in fine shape for this purpose. For hay, sow from May to August 1st. For grain, sow in drills not later than June 20th. Price, pound, postpaid, 20c, by express or freight, pk. 50c, bu. \$1.50.

HANDY TOOLS FOR THE FARM

Planter Patent Seed Corn Grader

Every farmer should grade his Seed Corn, because it pays. The increase on one acre where the seed is graded with this grader will more than pay the cost of it. This Grader takes out all of the uneven butt and tip grains, and also all of the small grains, leaving only the plump, even grains that will plant even in your planter and will insure you a good even stand over the field. Prices by express or freight, **\$1.50.**



Segment One-Hand Planter



A light, accurate and strong planter. Never cracks a kernel or slips a hill. All the working parts are iron. The feed is very simple and accurate, has no plates to get out of order. Can be adjusted to plant large or small grains, as well as Beans, Peas, and Sweet Corn. Price by express or freight **\$1.50.**

Two-Hand Planters—A good, strong, durable planter that can be depended upon to do good honest work. Price by express or freight **\$1.15.**

BLACK HAWK CORN SHELLER

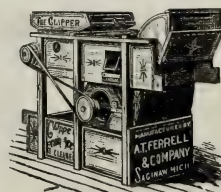
Recommends itself; simple, strong, durable, and is guaranteed against breakage under fair treatment. Weight 14 lbs. Each **\$2.00.**



NEVER BREAKS OR FAILS TO DO GOOD WORK

Clipper Grain and Seed Cleaner

No. 1. Has one wire and 9 perforated zinc screens. Will clean all kinds of grain and seed faster and better than any other mill on earth. Capacity 40 bu. wheat or 12 bu. of clover per hour. Price complete **\$21.00.**



Broadcast Seeders

The **Improved Cyclone Seeder** will sow all varieties of Farm Seed that can be sown broadcast and with ease to the operator; 5 acres per hour is a fair average for the **Cyclone**. The seed is distributed evenly and with great saving of time which makes this a very practical machine on any sized farm. It increases profits both ways—in better crops and in time and seed saved. **It will pay for itself in sowing one bushel of clover seed.** It is a convenient, practical and durable machine. **Price, each, \$1.50.**

THE CAHOON SEEDER

One of the very best on the market, strongly built, reliable, and does as fine work as could be asked. Price **\$2.95.**



THE BEST POULTRY SUPPLIES

Our Poultry Supply Department is replete with good honest goods for the poultry raiser. We handle only the best and sell them at reasonable prices. We give our absolute guarantee on each item listed in this department.

Our terms are cash with order. We ship promptly and guarantee safe arrival. We get you the lowest freight and express rates. Combine your orders for supplies with your seed order, or with your neighbors order and save freight.

Special Discount

On all orders amounting to \$10 for Poultry Supplies listed with the exception of Incubators and Bone Cutters, you may deduct 5 per cent. This will help pay the freight. Get your neighbors order and include with your own, and save money on your Poultry Supplies.

TUCKERS' "SPECIAL" CHICK FEED

The best chick feed your money can buy. A scientific complete feed in every way. Will make your chicks grow faster, and thriftier than you ever had them grow. Tucker's Special chick feed is composed of pure sweet, cleaned, cracked grains, seeds, charcoal and bone. It is perfectly balanced, and should be fed dry from the day the chicks are hatched until they are old enough to eat whole grain. It is perfectly free from dirt and dust. It produces bone, muscle and flesh in correct proportions. By feeding it you do away with the risk of bowel trouble, that dreaded disease that kills millions of chicks each year. Our price is reasonable and you will find it economical to feed. One pound of this clean, sweet food will go as far as two pounds of cheap, trashy foods of the ordinary kinds. We ask you to try Tucker's "Special" chick feed this season and you will be delighted with the result. Price 25 lbs. 75c, 50 lbs. \$1.35, 100 lbs, \$2.50, 500 lbs. \$11.50.

TUCKERS' "SPECIAL" LAYING MASH

A Complete Mash Food Specially Prepared To Make Hens Lay Use Less Feed and Get More Eggs

Strong in Albumen and Egg making properties. Nothing like it to make eggs in winter.

This is a ground food to be mixed with warm water and only as much fed in the morning as will be eaten up clean. You may mix your table scraps if you wish. If fed according to directions will not fail to give perfect satisfaction. No feed in existence equals it to make hens lay. Especially valuable for winter feeding.

It is being fed daily to thousands of poultry. Eggs are high in price, and every poultry raiser should be interested in getting more eggs at less cost. Order a bag at once. Save your grain.

25 lb. bag, 65c; 50 lb. bag \$1.05; 100 lb. bag, \$2; 200 lb. bag, \$3.75; 500 lbs. \$9.50. It is all feed and no waste. The materials in this food take the place of green food and meat and makes hens lay all the year around.

TUCKERS' "SPECIAL" SCRATCH FEED

A Complete Egg Producing Feed

A correctly proportioned Feed composed of clean, wholesome grains, bone, charcoal and sunflower, absolutely no waste or dirt, all clean, wholesome food. Keeps your hens healthy, prevents soft shell eggs, and certainly produces eggs. All the elements necessary to produce eggs are combined in the correct proportions in our Special Scratch Feed.

Feed Special Laying Mash in the morning and Special Scratch Feed noon and night for positive Egg results. 25 lbs. 55c, 50 lbs. \$1.05, 100 lbs. \$2, 500 lbs. \$9.50.

NECESSARY POULTRY FOODS

Medium Cracked Bone

Fine for laying hens, cracked to about the size of wheat and thoroughly cleaned; you will find this bone to be one of the best egg producing and egg shell forming foods you have ever fed. Price **10 lbs. for 35c, 25 lbs. for 85c, 100 lbs. for \$2.75.**

Chick, Cracked Bone

Suitable for little chickens, makes them healthy and promotes good growth of muscles and bones. Price **10 lbs. for 35c, 25 lbs. for 85c, 100 lbs. for \$2.75.**

Pure Dried Blood

One of the best egg producing foods known. If your hens are not moulting good, if their combs are not red and you are not getting as many eggs as you ought to have, just get a few pounds of our pure dried blood and feed it regularly, and we'll guarantee that inside of two weeks you will see a big change in your hens. Price per lb. **5c, 25 lbs. for \$1.00, 100 lbs. for \$3.75.**

Pure Meat Meal

This meal is composed of beef scraps and blood and supplies the necessary protein and nitrogen to promote a good healthy growth in your chickens. Price **10 lbs. for 35c, 25 lbs 85c, 100 lbs. \$2.75.**

Beef Scrap

This is meat ground in size from that of a wheat grain to as large as a pea. Meat is one of the most essential elements for egg production, and this is the best way to buy it. No waste, but all good clear pieces of meat. Price **10 lbs. for 40c, 25 lbs. for 95c, 100 lbs. \$3.30.**

Alfalfa Meal

The best winter substitute for green stuff. The hay is cut when at the greenest stage of growth, cured and ground fine, nothing better, **10 lbs. 20c, 50 lbs. 80c, 100 lbs. \$1.30.**

Charcoal Granulated

Two sizes, chick and hen. Specify which size is wanted.

A valuable tonic for poultry and hogs. It is a pure and well burned and ground product, and can be taken by you as well as it can be fed to chickens, birds and animals, **lb. 10c, 2 lbs. 15c, 4 lbs. 25c. 10 lb. bag 45c, 25 lb. bag 90c, 100 lb. bag \$2.50.**

Pure Flax Seed Meal

This is pure recleaned Flax seed ground fine. Contains all the oil. It is one of the best stock and Poultry Regulators known. It cleans out the system, regulates the blood and brightens the eye. One of the best milk producers, **lb. 10c, 4 lbs. 25c, 50 lbs. \$2.65, 100 lbs. \$5.00.**

Cotton Seed Meal valuable for poultry, if properly fed, contains 46 per cent protein, very flattening, **lb. 5c, 7 lbs. for 25c, 100 lbs. \$2.**

Crushed Shell for Poultry

Manufactured from pure pearl, being trimmings from button factories where they use only fresh live stock, direct from the water.

Advantage gained by the use of it—It acts as a grit and prevents cholera and other diseases. It makes the hens lay more. It prevents soft shells. It contains many essential compounds of the egg. It makes eggs larger and heavier. It prevents hens eating their eggs, is sharp and clean and contains 95 per cent of carbonate of lime, as shown by chemical analysis. Send us a trial order. You cannot afford to be without it. Made in two sizes. No. 1 for hens, No. 2 for little chicks, pigeons and birds. Price, small quantities, **1c per lb. Large quantities 75c per 100 lbs. 500 lbs. at 70c per cwt.**

Some Good Poultry Books

Postage paid. Send us your orders.

Reliable Poultry Journal, one of the most widely read monthly Poultry Magazine published. If interested in poultry you certainly need the Reliable Poultry Journal. Subscription 50c per year post-paid.

	Price
Artificial Incubating and Brooding.....	\$.50
Asiatics—Brahmas, Cochins and Langshans ..	.50
The Bantam Fowl.....	.50
The Chick Book (1910 edition).....	.50
Ducks and Geese.....	.75
Eggs and Egg Farms.....	.50
Egg Record and Account Book.....	.25
The Leghorn—All Varieties (Aug. 1911 ed.) ..	1.00
The Orpingtons—Black, Buff and White....	.75
The Plymouth Rocks—All varieties.....	1.00
Poultry Houses and Fixtures (7th ed).....	.50
Rhode Island Reds.....	.75
Successful Poultry Keeping.....	1 00
Turkeys—Their Care and Management75
The Wyandottes—All Varieties.....	1.00

We will mail samples of any of our Poultry Foods on request.

DRINKING FOUNTAINS, FEEDERS, ETC.

Wall Fountains

Made of heavy galvanized iron, keeps the water fresh and clean. The best Fountain on the market. Made in two sizes.

No. 1. 1 Gallon, Each 50c 6 for \$2.75
No. 2. 2 " " 75c 6 " \$4.25



Chick Fountain

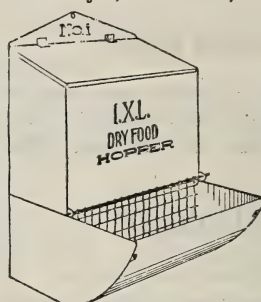
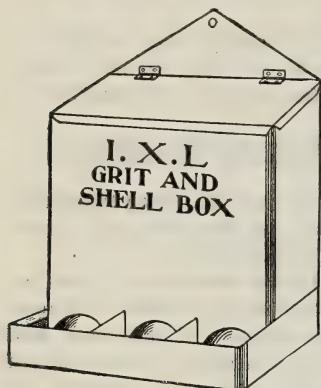
The best thing yet for little chicks. Keeps the water clean and fresh. Any Mason Fruit Jar fits them. Price without jar, each 25c, 6 for \$2.75



I X L

Grit and Shell Box.

Heavy Galvanized iron, three compartments. Just what you have been needing. Saves its cost in a short while. Each 50c 6 for \$2.75.



I X L

Dry Food Hopper.

One of the Best Food Hoppers on the market. Prevents waste, saves its cost in almost no time. Each 75c 6 for \$4.25.

THE NATIONAL FOOD HOPPER

A revelation in Food Hoppers. Mouse and rat proof. Can be closed up tight at night. Prevents wastage. Cannot clog. Mash, grain, beef scraps, etc., can be fed in this Hopper with no waste. Saves labor and time. Made in three sizes.

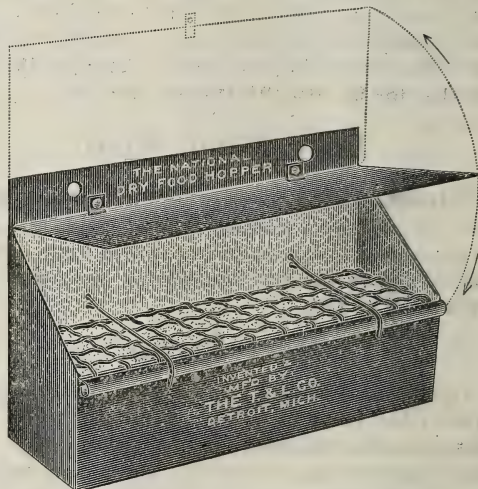
No. 1. Each 75c 6 for \$4.25.
No. 2. " \$1.00 6 " 5.50.
No. 3. " 1.25 6 " 7.00.

Petty's Poultry Punch

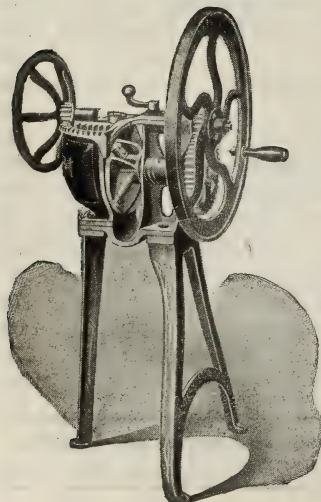


The top of perfection in Poultry Punches. Made of best spring steel, handy;

one person can use it easily. Can be put on your key-ring and you will always know where it is. Price 25c, postpaid.



THE HUMPHREY GREEN BONE AND VEGETABLE CUTTER



The open Hopper type We guarantee the Humphrey to cut more green bone in less time with less power than any other Bone cutter, and the Vegetable Cutter is thrown in for good measure. The Humphrey is the heaviest machine and the cheapest in price, if weight, cutting capacity and ease of handling is any consideration.

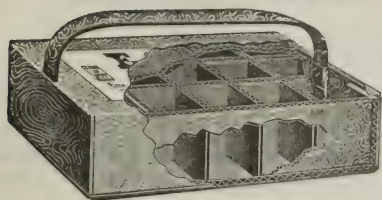
Price List of Humphrey's Bone Cutters

No. 1 Hand Power	\$12.00
No. 2 Semi-Power	13.50
No. 2 1/2 Hand and Power	15.00
No. 6 Direct Power	22.00
No. 3 Direct Power	35.00
No. 4 Geared Power	45.00
No. 1 Bench Clover Cutter	8.00
No. 2 Stand Clover Cutter	10.00

These prices are freight prepaid to your nearest railroad station. Bear this in mind and order early.

We will send you Descriptive Circular on request.

THE EYRIE EGG BOX



The Eyrie Egg Box is the lightest weighing only two and three-quarters pound packet for shipment.

The self-locking handle absolutely prevents pilfering of the contents or the substitution of other eggs. Also the handle makes an easy

carried package and prevents putting anything on top of the box, thus eliminating the liability to rough usage.

In shipping high priced eggs for hatching it is very important that they should be kept as uniform in temperature as possible. The Eyrie does this, the dead air cells in the corrugated paper making an effective shield against either heat or cold.

No. 1, For one setting (15 eggs) **15c**, 6 for **75c**, doz. **\$1.40**.

No. 2, For two settings (30 eggs) **20c**, 6 for **\$1.10**, doz. **\$2**.

LIVE CHICK BOXES

"The Sefton Live Chick Box" is shipped to you folded flat and very easily set up. Made from Corrugated Paper throughout. It is lighter and much more convenient than wooden boxes and in some instances the amount saved in Express Charges alone will pay for the box.

25 chick size, each **15c**, doz. **\$1.30**

50 chick size, each **20c**, doz. **\$1.80**.

100 chick size, each **30c**, doz. **\$3.00**.

Pilling's Caponizing Instruments

With full instructions for using and caring for Capons. Price for complete set, **\$2.50**, in velvet case **\$2.75**.

Insect Powder Gun



Insect Powder Guns (when it comes, it's moving day for bedbug, and

other insects.) Holds about 3 ozs. powder. Price **10c** each; by mail postpaid **12c**.

Champion Leg Bands

The Best Made



In Two Sizes - 3, and 2 1-4 inches Long

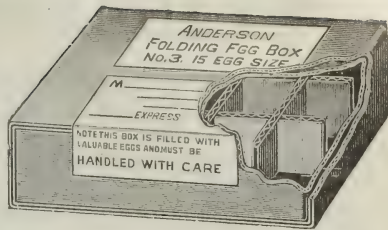
Made of Aluminum. One dozen for **15c**, 25 for **25c**, 50 for **40c**, 100 for **75c**, 250 for **\$1.75**, 500 for **\$3.75** postpaid.

In Ordering Bands, State Size Wanted



Glass Nest Eggs

The best made; look more like the natural egg and more than pay for their cost the first season. Packed one dozen in carton. Price **3c** each; 6 for **15c**, doz. **25c**, 5 doz. **\$1**. Postage **15c** per doz. extra.



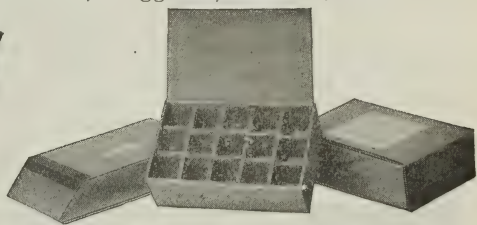
THE ANDERSON EGG BOX

Made of heavy corrugated pasteboard, light, substantial, well made, will carry eggs safely anywhere, price considered, this is the best for the money. We sell lots of them.

No. 3, One setting, each **15c**, doz. **\$1.20**.

No. 4, Two settings, each **20c**, doz. **\$1.90**

No. 5, 50 egg size, each **30c**, doz. **\$2.85**.



"THE EYRIE SHIPPING COOP"

These coops are shipped to you folded flat, thus reducing freight or express charges. The top and bottom are strongly constructed of wood. The body is made from extra heavy Corrugated Fibre Board, protecting the fowls from draughts, heat and cold.

They are easily set up, are neat and attractive.

Ship your Fine Birds in the Eyrie coop, the advertising you gain by shipping your birds in



the best manner will pay you for the small cost of the coops. Made in three sizes, for single birds, pairs and breeding pens.

A. 12x16x18 in. each **35c**, 3 for **90c**, doz. **\$3.25**.

B. 12x18x22 in. each **40c**, 3 for **\$1.05**, doz. **\$3.75**.

C. 20x22x22 in. each **60c**, 3 for **\$1.60**, doz. **\$6**.

STANDARD POULTRY REMEDIES

The Celebrated Conkey Poultry Remedies

One for each disease and each guaranteed, results or your money back. Send for Special Poultry Disease Book. We will mail it free for the asking.

Conkey's Roup Remedy



Is used in every civilized country of the world. It has wonderful curative qualities, immediately kills the disease germs. The success of the remedy is much due to the fact that it is simply put in the drinking water and the fowl takes its own medicine. Price, two sizes, **50c and \$1.00**, postpaid.

Conkey's Cholera Remedy



Absolutely the best remedy for the treatment of Cholera, Indigestion, Bowel Trouble, Diarrhoea and all kindred troubles in chicks or grown fowls.

Simply put this remedy in the drinking water, and the cure is certain.

Beware of Cholera Remedies, that you are supposed to mix in with the fowls feed. A fowl with Cholera does not eat, but drinks almost continually. Price two sizes, **25c and 50c** postpaid.

Conkey's White Diarrhoea Cure

A sure cure for this dreaded disease. White Diarrhoea annually kills more chicks than any other known disease. Be prepared, have a package of Conkeys' White Diarrhoea Cure on hand, it will save you many times its cost. To be given in drinking water. Package, **50c** postpaid.

Conkey's Nox-i-Cide

This is the poultryman's best friend. The majority of dangerous poultry diseases may be traced to the presence of germs which thrive in filth and uncleanness, **pt. 35c, qt. 60c, 1-2 gal 90c, 1 gal. \$1.50**.

Conkey's Laying Tonic—The best laying tonic on the market today. It is very cheap to use and the results will surprise you. It will insure strength in cocks. More eggs and more fertile ones from hens. A large amount of value at a small cost, price **1 1-2 lb. pkg. 25c; 3 1-4 lb. pkg. 50c; 7 lb. pkg. \$1.00; 25 lb. pail \$3.00**.

Other Conkey Remedies—Gape Remedy, **50c or 60c** postpaid. Chicken Pox Remedy **50c or 55c** postpaid. Scaly Leg Remedy, **50c or 55c** postpaid. Limber Neck Remedy **50c or 60c** postpaid. Bronchitis Remedy **50c or 60c** postpaid. Head Lice Ointment **1 oz. tube 10c, 3 oz. tube 25c** postpaid.

Conkey's Lice Liquid

There are a great many poultryman who do not seem to understand that the Mite requires entirely different treatment than the ordinary louse. There is no powder made that will entirely rid you of the Mite.

CONKEY'S LICE LIQUID will immediately destroy these terrible pests, and will rid your poultry house of its greatest profit killer.

It can be painted on the roosts and applied to the walls, cracks and crevices, with a brush or sprayer. Price, **qt. can 35c, 1-2 gal. 60c, 1 gal. \$1**.



Conkey's Lice Powder

For successfully killing body lice on fowls, nothing can equal a powder which is properly made. This is the strongest and most effective powder on the market, and is absolutely harmless to the fowls. It does not simply make the lice move, but kills every one the moment it is applied. Lice just simply cannot exist where **Conkey's Lice Powder** is properly used. **Conkey's Lice Powder** is guaranteed to please you. It will kill

lice on poultry, cattle, and horses, fleas on dogs, and vermin of all kinds. It will also kill bugs on cucumber, squash and melon vines, slugs on rose bushes, etc. It is also an effective disinfectant and germ destroyer. Prices, **5 oz pkg. 10c, or 15c, postpaid; 15 oz pkg. 25 or 40c postpaid; 48 oz. pkg. 50c, expressage extra; 100 oz. pkg. \$1.00 expressage extra**.



Conkey's Fly Knocker



Conkey's Fly Knocker kills every fly it hits and keeps others from alighting on your horses or cows. It clears your stock of the pests and promotes their comfort and usefulness. It will rid your stables of flies and will give the tails a rest. It is positively harmless and will not taint the milk. If used on stock in summer it will prevent lice and grub in winter. Sprayed on your horse before going for a

drive, it will keep the flies away and prevent the fretting so wearing to a nervous animal. One ounce of the liquid will spray two animals. It is especially valuable to farmers, dairymen, stablemen and horse shoers. Once tried, you will not be without it. Prices, **1 qt 35c, 2 qts. 60c, 1 gal. \$1.00, 5 gal. (jacketed) \$4.00**. Expressage extra.

Petaluma Incubator and Brooders

WE PAY THE FREIGHT

Just the Incubator you have been looking for. The one that regulates itself. No guess work but an actual fact, backed up by an Iron Clad Guarantee.

The Petaluma uses the least oil; consumes the least time caring for it; the most perfect in regulation of temperature; can be left alone the longest with safety; has nothing to get out of order; hatches the largest percentage of good, strong, vigorous chicks. It is the easiest to manage, and the best machine for beginners as well as for those of long experience.

The sleeve appliance used on the burner for regulating the heat is a nicely constructed tube or sleeve, which is made to slide up or down on the wick-tube, controlled by the regulator, and raises or lowers the

having the same effect as to turn the wick up or down by hand. In this style of regulation the flame is kept at the right height to supply 103 degrees; therefore, there is no oil wasted. This device has been in successful use on Petaluma Incubators for over twenty-five years, and is strongly endorsed by thousands of operators as being the most economical and accurate of anything used in the world.

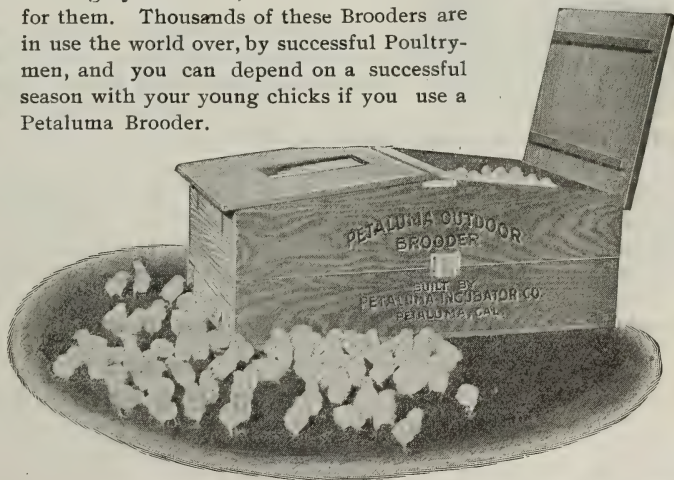
The Petaluma Regulator

The Petaluma is perfectly self-regulating. No getting up nights to attend to it. The regulator situated just above the eggs, expands and contracts with so slight a change of temperature as scarcely to be indicated by the thermometer. This Regulator is patented in the U. S., Canada, Australia and other countries. The patents being held by the Petaluma Incubator Co.

The "Petaluma Incubator" is the pioneer hatching machine. Its introduction and use antedates that of any other incubator on the market.

PETALUMA BROODERS

Petaluma Brooders are made of California Red Wood, are thoroughly seasoned, and are certainly worth the money asked for them. Thousands of these Brooders are in use the world over, by successful Poultrymen, and you can depend on a successful season with your young chicks if you use a Petaluma Brooder.



Send for Special Petaluma Catalogue. We will Mail it Free for the Asking

CYPHERS INCUBATORS AND BROODERS

We are agents for **THE STANDARD CYPHERS INCUBATORS AND BROODERS** and carry a stock on hand which we can sell you at factory prices.

The Cyphers line represents the highest achievements in artificial hatchers and brooders, and are pronounced by the leading authorities all over the world as the best.

To make poultry pay you must hatch early; in order to have poultry to sell when it brings high prices, and to have your pullets begin to lay when eggs are high and your hens are moulting.

This early season hatching requires good incubators that are reliable and which will turn out good strong livable chicks.

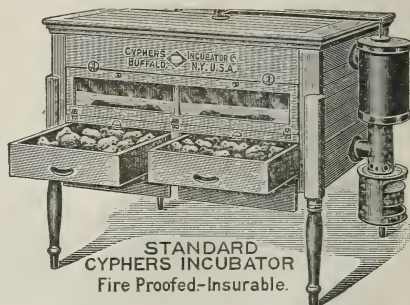
The Cyphers Incubator Co. warrant their machines to be unequalled.

PRICES

Cyphers Incubators

(F. O. B. HERE)

No. 0 (70 egg)	-----	\$15.00
No.1 (144 egg)	-----	22.00
No.2 (244 egg)	-----	32.00
No.3 (390 egg)	-----	38.00



WORTH THE MONEY

Both **MATERIALLY** and in **EFFICIENCY, DURABILITY** and **APPEARANCE**

ASK FOR CYPHERS INCUBATOR CATALOGUE AND POULTRY BOOKLETS FREE

This book of over 200 pages fully describes the Cyphers line of incubators, brooders, and poultry supplies, and also contains much valuable information for poultry raisers. Nearly all the large poultry farms, agricultural colleges, and experiment stations use and endorse Cyphers Incubators and Brooders and this book contains many illustrations of these farms.

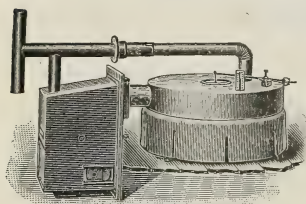
We also carry the **CYCLE HATCHER** (Philo System Incubator.) This machine is made in but one size (50 egg) and the price F. O. B. here is ----- **\$6.50.**

Thousands of these little and novel hatchers are in use and giving satisfaction. They are all metal and the lamp bowl holds sufficient oil for a complete hatch.

Ask for a catalogue of Cycle Hatchers and Philo system appliances.

**IT IS NOT THE CHICKS YOU HATCH,
BUT THOSE YOU RAISE**

—THAT COUNT.



Cyphers Adaptable Hover

Do not overlook the fact that it is as difficult, if not more so, to raise chickens than it is to hatch them. Good reliable brooding equipment is necessary, no matter what incubator you use, and in the **CYPHERS** line we offer you brooders suitable to your needs, be you a raiser of chicks by the dozen or by the thousands.

In the Cyphers Adaptable Hover we have a complete machine when used in a brooder house and the vital and finishing touch to your home made brooder or goods box. It is a very easy matter to attach one of these hovers to a piano or goods box and thus provide a good brooder and home for your chicks. Thousands of these hovers are used in this manner and are giving satisfaction.

This hover is used in all the regular outdoor and indoor Cyphers brooders, and are stormproof and reliable. Cyphers brooders are large and roomy and are built to stand the weather and brood your chicks with surety and require the minimum amount of care and attention.

PRICES

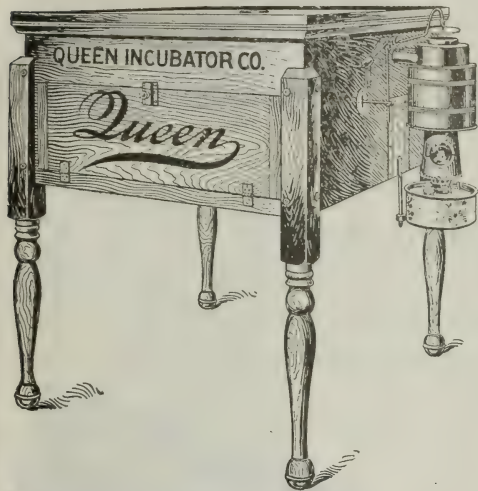
Cyphers Brooders

(F. O. B. HERE)

Adoptable Hover	-----	\$8.50
Style A Outdoor	-----	12.50
Style B Outdoor	-----	16.50
Style C Outdoor	-----	18.50
Style D Indoor	-----	11.50

QUEEN INCUBATORS AND BROODERS

HIGH GRADE THROUGH AND THROUGH



There are over One Hundred Queen Incubators in use in this immediate section. Not a complaint has been registered against a one of them. Pretty good, don't you think. The Queen represents the most value for the money of any medium priced Incubator on the market.

Queen Incubator cases are made of clear California Redwood, double walled and double insulated with wool felt.

The Queen is equipped with double doors, inner one of glass, outer door of solid Redwood, both fitting tight and and locked with spring catches.

Queen heating parts are made of pure Lake Superior, cold rolled, heavy weight sheet copper, having all joints and seams double locked and double soldered.

"Queen" Incubators are made of California Redwood, double case, each lined with asbestos felt; dead air space all around; extra heavy copper heaters and tanks with lock seam joints, making them indestructable; the improved heaters use all the heat generated—no loss of oil.

Large up-to-date sanitary nursery tray, safety lamp with seamless galvanized bowl that cannot leak. Faultless ventilation that requires no attention; regulators that control the temperature, making "Queen" Incubators automatic and easiest to operate. Cost less than other Standard Incubators.

Queen Incubators and Brooders are the **Right Kind**. We sell lots of them, and will sell you, freight paid at your railroad station, at factory prices.

The Queen safety lamp has seamless, cold drawn, galvanized steel lamp bowl, equipped with Queen special cold blast burner, with removable gauze base and long, free combustion flue. The lamp rests on an adjustable metal shelf that always keeps it solid.

The Queen automatic heat regulator with 4-inch double disc wafer thermostat has four adjustments, insuring perfect regulation. Absolutely no friction or interference in action in any way.

The ventilation in the Queen is positive and successful, as proved by eight years' use of the same plan.

Prices on Queen Incubators, Freight Paid to Your Station

No. 1. Queen Incubator, holds 60 to 70 eggs.....	\$9.10
No. 2. Queen Incubator, holds 110 to 130 eggs.....	11.20
No. 3. Queen Incubator, holds 160 to 180 eggs.....	14.00
No. 4. Queen Incubator, holds 220 to 240 eggs.....	16.80
No. 5. Queen Incubator, holds 340 to 360 eggs.....	21.00

"QUEEN" BROODERS

LAST LONG AND RAISE HEALTHY CHICKENS

Use little oil; no trouble to maintain heat in zero weather; perfectly ventilated; three different temperatures; chickens find their own comfort.

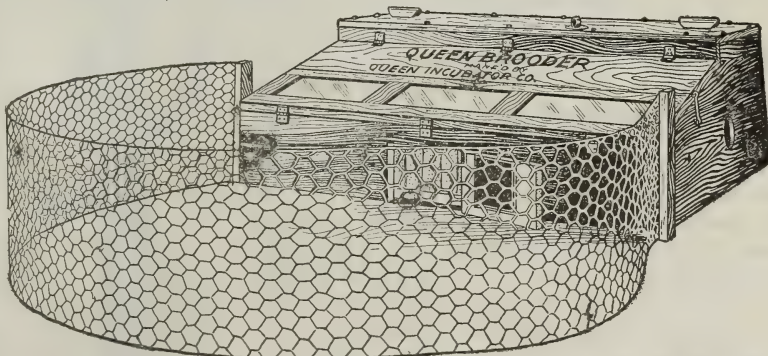
Freight Paid to Your Station

Queen Indoor Brooder

50 chick size.....	\$ 5.60
100 chick size.....	6.30
150 chick size.....	7.00
200 chick size.....	7.70

Queen Outdoor Brooder

100 chick size.....	\$ 9.80
150 chick size.....	11.20
200 chick size.....	12.60



When Incubator and Brooder are ordered at one time you may deduct 50c from order. Write for Queen Catalogue—It's Free.

It costs less to run "Queen" Incubators than to feed setting hens. "Queen" Incubators and Brooders hatch and raise chicks better than hens.

Incubators and Brooder Supplies



No. 5780

TAYLOR BROTHERS' HIGH GRADE TESTED THERMOMETERS Guaranteed Accurate.

Taylor Brothers' "Tycos" Incubator and Brooder Thermometer are recognized as the worlds standard. Guaranteed accurate, can be used with perfect assurance, in any make of Incubator or Brooder made in two styles for Incubators, No. 5780, postpaid 65c. No. 5774, postpaid 75c.



No. 5774

"TYCOS" BROODER THERMOMETER

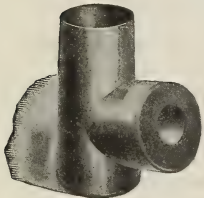
Made with wooden back, for protection. A good accurate, strong thermometer. Postpaid each 35c.

"TYCOS" INCUBATOR HYGROMETER

The use of the "Tycos" Incubator Hygrometer effectively lessens the percentage of chicks dying in the shell—due very largely to improper moisture conditions.

"Tycos" Incubator Hygrometer, each \$1.50, postage extra 5c.

Extra wicks, per dozen, \$1, each 10c.



EGG TESTERS

An all metal egg tester that is reliable. Each postpaid 30c.

INCUBATOR LAMPS

Made of heavy galvanized steel, will last for years. Can be used with almost all makes of Incubators. Fitted with

burners. Small size holds 1 qt. of oil, fitted with No. 1 or No. 2 burner, complete 90c. Large size holds 2 qts. with No. 3 burner, complete \$1.00.

BROODER LAMPS

1 qt. size 80c.
2 qt. size 90c.

Metallic Lamp chimneys each 25c.

LAMP BURNERS

Good heavy burners that will give satisfaction. Nos. one and two each 35c. No. three each 50c. Add 5c each for postage.

SPRAYER

THE ACME SINGLE POWDER GUN

This tool is simply a bellows, with a spray-tube ingeniously arranged to collect and direct a blast of air charged with just the required amount of poison. By varying the strength of the blast at the operator's discretion any amount may be applied.

A spreader is furnished to diffuse the spray, a funnel to aid in directing the spray on the plant, and the famous "Acme Elbow," which, without your stooping, will cover the underside of the leaves of low-growing plants and vines.

Bellows are made of an excellent quality of russet leather, bellows sides are of basswood, painted vermilion and varnished, and handles of beech or maple, varnished in the natural colors of the wood. Price \$1.



SPRAYER

THE MYERS BUCKET SPRAY PUMP

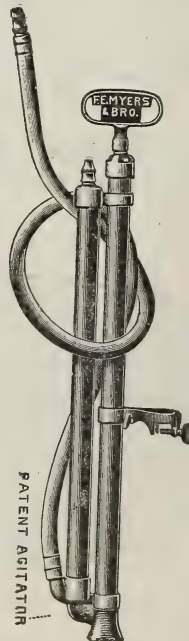
No. 327½. Made of heavy brass, will last a life time. Throws a fine or coarse spray, or solid stream. We know of nothing better in a bucket spray pump. Price \$3.25.

No. 323 R. In this pump we offer to our friends a Brass Bucket Spray Pump with more real advantage than are contained in any other make of spray pump now on the market.

It has all the advantages of the ordinary barrel pump and bucket pump combined, and is sold at a moderate price. Has one half more air chamber than any other make of bucket pump. is made of brass with ball valves, handle and foot rest malleable iron.

The work is all done on the down stroke of the handle, and it can be operated with

one third the power required for any other old style bucket spray pump. Price \$5.



GENERAL LIST OF SUPPLIES

Spraying Outfits

We list only small spraying outfits in this catalogue, but are prepared to furnish anything in this line up to the largest traction outfits. Will gladly mail catalogue pertaining to general outfits on request.

Auto Spray No. 1

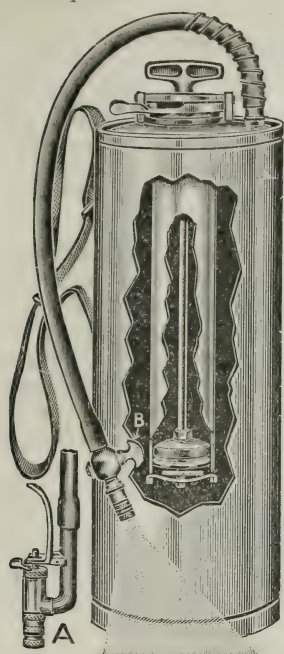
This is the best compressed Air Sprayer offered today. Quick, handy and durable.

The "Auto Spray" is a standard machine. It is the favorite with nurserymen, potato growers and market gardeners everywhere, is used by nearly all the state experiment stations and by the U. S. government as well as by thousands of representative agriculturists and horticulturists throughout the world.

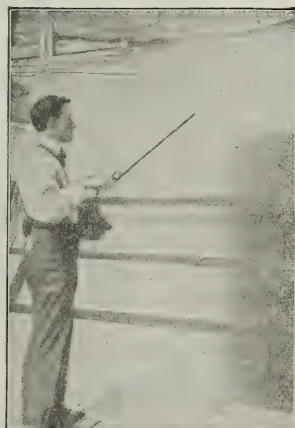
The "Auto Spray" works automatically for six to fifteen minutes. May be charged in 15 seconds by a few strokes of the plunger. Has a capacity of four gallons.

No other style of sprayer will do such a variety of work, and do it so well. We recommend it for trees, shrubs and vines, greenhouses, hospitals and stables for disinfectants, for sheep and cattle dip; and cattly fly oils.

The illustration shows the "Auto Spray" equipped with stop cock. Letter A shows the Auto Pop Nozzle.



Auto Spray in the field



Auto Spray in hen house

Price of Auto Spray No. 1

Galvanized with stop cock, \$4 50; Galvanized with Auto pop 5 40; Brass with stop cock, 6 75 Brass with Auto-Pop 7 65. (Descriptive Auto-Spray circular free.)

Spraying Materials

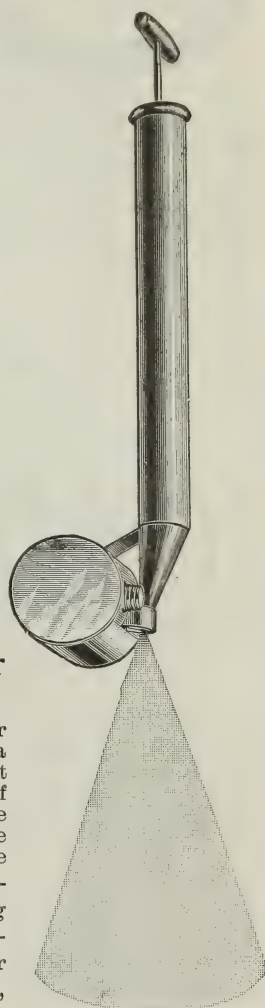
Arsenate of Lead, in Paste Form—This substance is used to destroy all leaf-eating insects that attack the foliage of fruit trees, flowers, vegetables and plants, especially effective for killing potato bugs. When spraying potato vines it is very important that the poison be applied very early. The first spraying should be made when the vines are two or three inches high. Arsenate of Lead forms a glaze on the leaves, does not

Faultless Sprayer

Capacity 1 Quart

The best sprayer made. Throws a spray as fine as mist rendering the use of strong solutions safe on tender foliage plants: it forces the fluid into every crevice without using half the quantity required by syringe or sprinkler. Price, heavy tin, 50; 3 for \$1.25.

Galvanized can, each 60c.



Faultless Sprayer

wash off easily like Paris Green and other spray materials. You will find it the very best for an all purpose spraying material. Price 1 lb. glass jars, 40c, postage extra 24c. Larger quantities, 2 lb. glass jars 75c, 5 lb. glass jars \$1.25. One pound will make 25 gallons of spraying material. Per 100 lbs. \$16.50.

Tobacco Dust

Kills melon and cucumber bugs, green and black lice, beetles, fleas, etc. Price 1 lb. 5c, 10 lbs. 40c, 100 lbs. \$2.00. If wanted by mail add 16c per lb., postage.

Bordeaux Mixture

We carry this in powder form. You will find it first class in every way. Price one lb. tin 30c, postage extra 17c. Larger quantities 5 lb. pails \$1.25.

SLUG SHOT SPRAYING MATERIAL



Kills the Currant worm, potato bug, cabbage worm, slug on roses, caterpillars, aphids on roses, bugs on melons and bugs on asters, cut worms, sow bugs, lice on fowls, curculio on plums, tobacco worms, etc. 1 lb. 10c, 3 lbs. 25c, 5 lbs. 40c, 10 lbs. 60c. If to be sent by mail add 16c, per pound for postage.

Garden Implements, etc.

The Rival Garden Cultivator

The only successful Balance Frame Plow on the market—It is safe to say that there is no similar tool made that in ease of operation, high grade material, and fine finish, will equal the "Rival." The Beam is made of very stiff steel, and is constructed so that when the handles are attached the center of weight falls directly over the pivoting point which forms the axle for wheels, making it self-

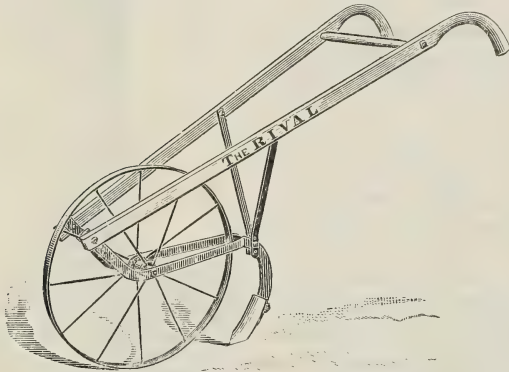


Excelsior Hand Weeder

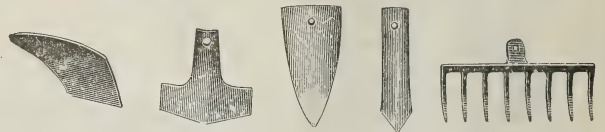
Price, 10c, by mail, 15c.

Steel Garden Trowels

Made of heavy steel, with good firm wooden handles. Price, 6 in. 10c, by mail 15c.

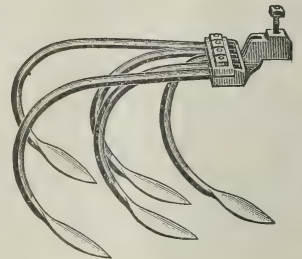


balancing, and which admits of its being propelled with a minimum of power. Handles can be raised and lowered to suit man or boy. The different extras used on the "Rival" are Shovel, Calf Tongue, Weeder, Moldboard and Rake. Wheel is 24 inches in height. The "Rival" does satisfactory work and you will find nothing better. Complete, with five tools as shown, \$3.25.



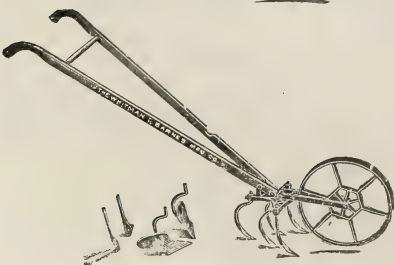
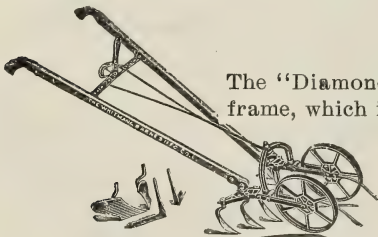
The Norcross Hand Garden Cultivator

The "Norcross" is made of first-class material and finely finished. Perfectly adjustable for all kinds of work. Every part is detachable. The center shovel can be quickly removed and the row straddled. Where rows are close together the three inside shovels may be used. Loosening two nuts releases any one of the prongs to be removed. Detaching center shovel and reversing other four, makes potato digger. Pulls weeds, pulverizes the soil thoroughly, giving level cultivation. It is light, very durable, easy to handle and does most excellent work. It can be quickly attached to wheel plow for use by larger gardeners. Price 85c.



Diamond Garden Cultivators

The "Diamond" Single Wheel Cultivator has an entirely new arrangement of frame, which is strong neat and compact, and with the aid of the different attachments it can be used for hilling, furrowing and covering. The hilling attachments or weed cutters can be arranged to hoe in or out and to or from the plants, and can be set at any angle desired. Wheels and handles are both adjustable. Price complete as shown by cut, \$3.75.



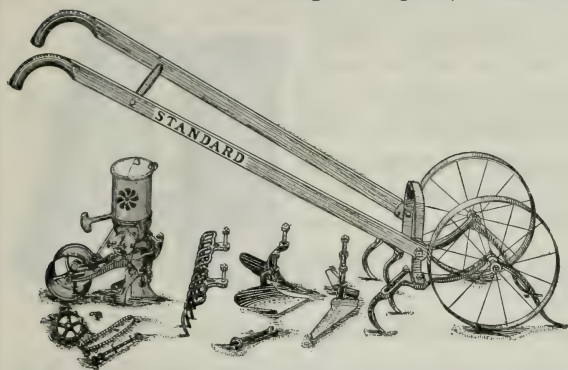
Our "Diamond" Double Wheel Garden Cultivator is superior to anything of the kind yet placed on the market. It has a new device for expanding and enclosing, which permits the operator to set the machine instantly to any desired width. It is furnished with various attachments used for harrowing, furrowing and covering. Price as shown, complete, \$5.00.

STANDARD GARDEN TOOLS

No. 9. "Standard"

Combined Double and Single Wheel Hoe Cultivator, Plow, Rake, Hill and Drill Seeder

Weight Complete, Packed Ready to ship, 50 Pounds.



The latest improved and best equipped combination ever offered. The cultivator is simplified, stronger, readily changed to either a double-wheel or a single-wheel tool, and with the Hill and drill seeder attachment, makes three complete implements in one. The most desirable tool we have to offer. Made with the seeder being driven from the front wheel by an endless steel chain that provides an even, steady power of light draft. The seeder attachment itself is much improved, being lighter, stronger, very simple and durable with no parts that are liable to get out of order, and above all, has a new double agitator rotary

forcefeed that will positively sow any kind of garden seed evenly and in any quantity desired.

In close comparison in the field, sowing lettuce, radish, onion, beet, peas, etc., this seeder has proved itself equal if not better than any seeder now on the market, in distributing the seed evenly either in hills or drills and will not injure the most delicate seed.

The Hill Spacer is the simplest known, being of only one piece, quickly set for hills at 4, 6, 8, 12 and 24 inches apart; it may be set for three different distances without entirely removing the nut that secures it in place, or by removing and reversing, the other two distances are obtained.

Price with all attachments as shown \$11.50.

NO. 12 STANDARD HILL AND DRILL SEEDER

This machine is the same as the number nine listed above but has only one wheel, no ropes and only one plow. All other tools the same. The best single wheel seeder on the market today. Price complete \$10.75.

NO. 2 STANDARD CULTIVATOR

Spring Beam, Double Wheel Hoe, Cultivator, Plow and Rake

Shipping Weight, 29 Pounds.

This double-wheel hoe comes nearer doing hand hoe work than any wheel hoe ever made. The arch is made in two pieces, connected at the top by one bolt, which allows the wheels to be set from 12 to 16 inches apart. The handles are bolted to the spring beams, permitting the attachments to be moved to and from one another very easily. Handles and all attachments adjustable. Wheels 16 inches in diameter. Price complete with all tools \$6.00.

NO. 4 STANDARD CULTIVATOR

This is a double wheel cultivator with all tools, consisting of four cultivator teeth, two hoes, two plows and two rakes. Unlike the No. 2 this has a solid or stiff frame. A good cultivator and will last a life time. Price complete \$6.00.

PLANET JR. GARDEN SEEDERS AND CULTIVATORS

We are agents for the Celebrated Planet Jr. garden tools. These tools have been the standard for years.

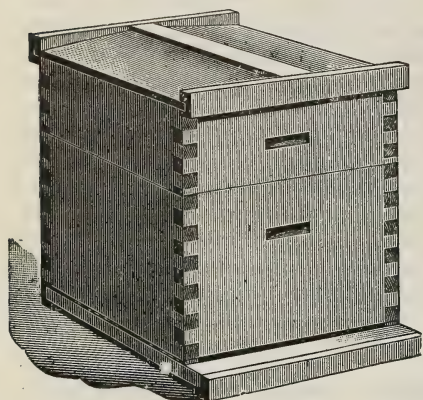
Write for Special Planet Jr. Catalogue mailed free for the asking.

BEE SUPPLIES

We make a specialty of the best Bee Keeper supplies. If interested write for special catalogue of Bee Keepers' Supplies. It will be mailed free.

DOVE TAILED HIVES

PACKED 5 IN A CRATE



No. 1. Dovetailed hive, 8 frame complete, a $1\frac{1}{2}$ story hive for comb honey, it includes bottom board; a body with eight improved Hoffman frames; follower board, one super with a follower and two wedges; 6 section holders with wood separators, sections, foundation starters for sections, cover and nails for nailing hives and trimmings. One Hive \$2.05 5 for \$9.50, 10 for \$18.00.

No. 1 - E. Dovetailed (like cut) 8 frame, a $1\frac{1}{2}$ story hive for comb honey, with eight improved Hoffman frames, follower board, one super with a follower and two wedges; 6 section holders with wood separators, nails for making hives and trimmings. One hive for \$1.85, 5 for \$8.50, 10 for \$15.50.

HONEY SECTIONS

First quality white Northern Basswood; polished on both sides. Any style, but standard size only.

Unless you order otherwise, we will send you sections $4\frac{1}{2} \times 4\frac{1}{2} \times 1\frac{1}{8}$.



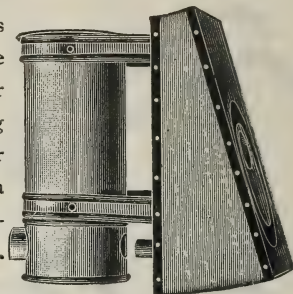
One Piece Section. Open Top and Bottom. No. 1 Quality.

100.....	\$.75	500.....	\$2.50
250.....	1.40	1000.....	4.75
3000 or over,	per 1000.....		4.50

Plain sections $3\frac{5}{8} \times 5$, $4\frac{1}{4} \times 1\frac{1}{4}$, and 4-5 are 25c per 1000 less than bee-way (open top and bottom) sections.

THE HIGGINSVILLE SMOKER

This is a hot blast smoker and has a $3\frac{1}{4}$ -inch fire box, and the nozzle is detachable to admit of filling or cleaning. We believe it has as strong a blast as any smoker made. A bar of folded tin running parallel with a bellows protects the hand from coming in contact with the hot fire-box. Price each 75c.



Honey Boards, Zinc Queen Excluders, Etc.

Zinc Queen Excluder for 8-frame hive, 15c each; 10 for \$1.20; 50, \$5.50.

Wood bound slatted zinc honey boards, 8-frame 20c each; 10, \$1.80.

Bee Entrance Guards, large size 10c each, 10 for 80c.

Comb Foundation or Starter

Extra thin for sections, 1 lb., 65c; 5 lb., \$3.00.

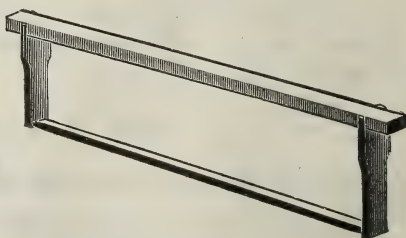
Medium, for Brood Chamber, 1 lb., 60c; 5 lbs. \$2.75. If wanted by mail add 16c per pound for postage.

Parker's Foundation Fasteners

For putting comb foundation in sections. Any one with little practice can put in 500 starters an hour with them. Price 25c each; by mail 40c.

The Hoffman Frame

This is the most universally used frame on the market. It is strong, durable and has all the good features that constitute a perfect frame. Price 3c each, \$2.75 per 100.



Shallow Extracting Frames

These are to be used in place of section boxes in the super for extracted honey.

Price 2 1-2c each; \$2.25 per 100.

Porter Bee Escapes

Porter Bee Escapes, to clear the supers of bees. Saves time and bee stings.

Price 20c each; postpaid, \$2.00 doz.

Price with board, 35c; \$3.20 for 10 not prepaid.

GLOBE BEE VEIL

No trouble to put on or take off; perfect protection; we know of nothing better.

By mail, for \$1.00; extra nets, 60c each.



Crystal White Orpingtons

Breeder and Exhibitor of High Class Birds

The Big Laying Strain, the Kind that Every One Wants.
Some choice Cockerels and Pullets for Sale, Prices Reasonable, Am booking orders for eggs now, join us.

Price \$5.00 for Fifteen Eggs From My Best Pen

Headed by two Prize Cockerels, and ten High Scoring Hens, Cockerels used alternately to insure fertility.

Price \$2.50 for Fifteen Eggs From My Second Pen

Headed by a fine year old Cock and ten Fine Pullets.

\$1.50 For Fifteen Eggs From My Utility Pen

All Nice Birds.

Carthage, Mo. **T. W. Fishburn** 2020 S. Garrison
Home Phone 551

WHITE ORPINGTONS

I have nothing but strictly high grade White Orpingtons

Eggs from first pen \$3.50 for 15 eggs.

Eggs from second pen \$2.50 for 15 eggs.

Eggs from third pen \$1.50 for 15 eggs.

For prices on large quantities write or phone. Also stock for sale.

Home Phone 460 **O. S. Emerson,** Carthage, Mo.

Kellerstrass Crystal White Orpingtons and Single Comb Rhode Island Reds

PRIZE WINNERS

On White Orpingtons, I won first ~~Hen~~ ^{Pen} at Missouri State Show at Butler, Mo. At Carthage, Mo., Show, First Cock, First Hen, 1st, 3rd and 4th Pullet, 3rd Cockerel and First Pen.

On Single Comb Red, 1st and 3rd Pullets, 4th Cockerel and 2nd Pen. Eggs for hatching at reasonable prices.

Morgan Heights **G. D. Leggett** Carthage, Mo.

QUALITY BIRDS....

Start RIGHT with my QUALITY Birds
and avoid disappointment.

White Orpingtons, Kellerstrass Strain
Buff Orpingtons, Cook Strain
Rhode Island Reds, Ricksecker Strain

Quality First, Last And ALL THE TIME

EGGS IN SEASON

Chas. W. Landrum, CARTHAGE,
MO.

J. W. MILLER

Yards: W. Highland,
City Office: Howard and Second Sts.



A TRUE PHOTOGRAPH OF PEN NO. 10

Pure Bred
Phenominal
Laying

**White
Wyandottes**

That are White, bred for the
show and laying.

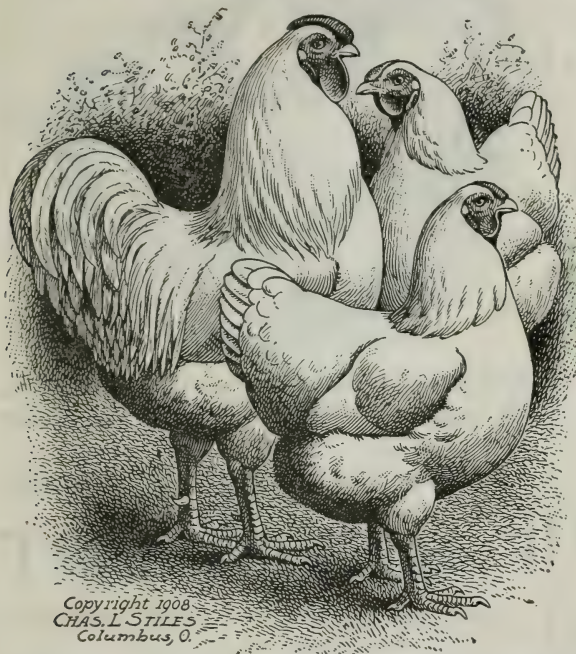
The breed that does the lay-
ing, the most economical, be-
cause they will hustle for a
living where they have range.
Eggs and Stock for Sale.

Prices Reasonable.

Bell Phone: Shop 27
House 1125

Black Orpingtons Standard Bred

Duke of Kent and Owens Farm Strain



Buff and White Wyandottes

Keeler and Duston Strain, the kind that lay. Eggs for hatching:

Orpingtons \$5 and \$10 per 15
Wyandottes \$2, 3, 5 per 15
Buff Wyandottes \$5 per 15

Some fine Black Orpington Cockerels for sale, also White Wyandottes, Hens, Pullets, Cocks and Cockrels, prices reasonable.

W. H. Wilbur

Home Phone 61

1703 South Main Street

Carthage, Mo.

Mr. Farmer and Poultryman Don't You Want a Good Barred Plymouth Rock Cockerel?

At the Ozark Interstate Exposition, Joplin, Mo., 1911, we won 1st on Cock, Cockerel, Hen and Pullet and 1st on pen. At the Southwest Missouri Poultry Association held at Carthage, Mo., 1911, we won 1st on Cockerel, 1st, 2nd and 3rd on Pullet, 2nd on Hen and 1st on Pen. Come and see our stock and be convinced. We have a few hens and pullets for sale. Eggs from our choice mating \$3.00 per 15 or \$5.00 per 30. From the balance of the flock \$1.00 per 15 or \$5.00 per 100.

MRS. W. E. ELTING, Carthage, Mo.

Corner River St. and Centennial Ave.

Bell Phone 329

P. S.—We also have Indian runner ducks which won first prize at S. W. Mo. Poultry Show, Carthage 1911. Eggs \$2.50 per 12.



White Wyandotte

Have some Cockerels and Pullets for sale, and Eggs in season. Good stock to select from. Will have White Orpington eggs for sale after April the 15.

Home Phone:
991 Red 1 R

A. O. Mathews,

Carthage, Mo.,
R. F. D. No. 4

Buff Orpingtons

Birds in pairs, trios, pens and single Birds for sale at reasonable prices.

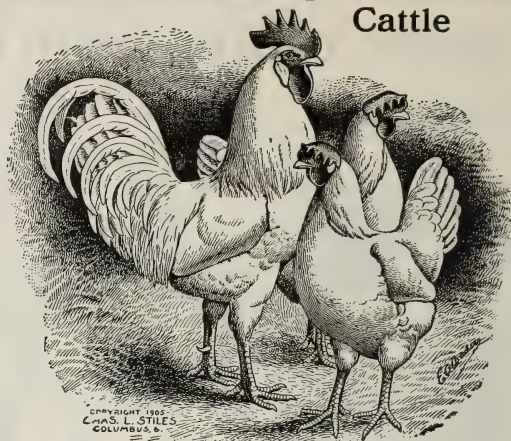
—
Eggs In Season
—

Clate C. Sweet

Buff Orpington Specialist

Carthage, - - Mo.

Single Comb White Leghorns,
Duroc Jersey Hogs and Jersey
Cattle



At the Southwest Poultry Show 1910, won 1st cockerel, 1st and 2nd hen, 2nd pullet and 1st pen.

Eggs for Hatching Utility \$3.00 per 100; \$1.00 per 15. Call or write.

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2 miles north and 1 1-2 miles east of
Carthage, R. F. D. 8

OLDEST NATIONAL BANK IN JASPER COUNTY

Capital
\$100,000



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Single Comb Birds with the Quality

My Stock is the Progeny of the first
Breeding Pen at the 1910 Kansas City
Show.

PRICE OF EGGS

From First Pen, \$3.00 per setting of 15
eggs.

Utility stock \$1.00 per setting of 15
eggs.

Ben F. Barnhart

Home Phone 511

Carthage, Mo.

White Rocks

My Birds are Pure White.
My Strain is Right.
My price is Right.
Eggs \$3.00 per setting of 15



Write or Phone
Me your Wants

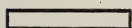
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EXCLUSIVELY



Earl J. Tucker

Home Phone 1070

Carthage, Mo.

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THAT IS

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Satisfaction
or your
Money Back

39 Years
on the Market

Guaranteed Animal and Poultry Regulators and Veterinary Remedies



Pratts Poultry Regulator

The best and most famous poultry tonic in the world. Keeps fowls of all kinds healthy, increases egg-production, aids moulting. Makes little chicks grow rapidly. Packages, sacks and pails from 25c upwards.



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A guaranteed cure for roup, colds, cankers, catarrh, etc., in fowls. Very economical to use. Many prominent poultrymen use it the year around as a preventive. 25c and 50c pkgs.



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A powerful insecticide and disinfectant in powdered form; put up in sprinkler top boxes. The increased egg-production due to the ridding your fowls of vermin will surprise you. It pays well to use it. 25c; and 50c.

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America's pioneer and best animal tonic and regulator; enables your horse to do more work, saves feed, increases your cows' milk, puts your hogs, sheep and steers in fattening condition, makes and keeps all stock healthy. 25 lb. pail, \$3.50. In packages and sacks from 25c upward. It pays to use large sizes.



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A guaranteed colic cure with a record of 998 cures out of 1,000 cases. You should always have a bottle handy. Its use is "horse insurance." In 50c and \$1.00 bottles.



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A guaranteed liniment for use in cases of lameness, sprains, bruises, rheumatism, sore throat, etc., in either man or beast. A real wonder worker. 25c, 50c and \$1.00 bottles.



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A splendid antiseptic healing ointment for cuts, galls, scratches, etc. Allays inflammation and heals quickly without a scab. For man or beast. In 25c and 50c boxes.



Remember "Pratts Must Make Good or Your Money Back" Isn't that Square?

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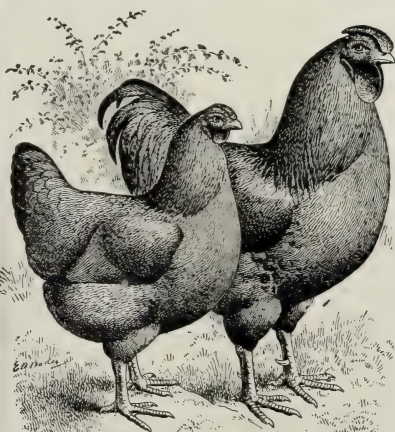
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Thoroughbred Rose and Single Comb Rhode Island Red Cockerels and Pullets

Bred by 93 to 94 point males and high scoring hens trapnested for superior egg production.

Eggs \$2 per 15, \$3.50 per 30,
\$5 per 45, \$9 per 100.

D. J. Bliss, Carthage, Mo.

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NUMBER

NAME OF SEEDS OR OTHER ARTICLES WANTED

PRICE

DOLLARS.

CENTS

☒ We shall consider it a special favor if you will write here the Names and Addresses of your neighbors who usually send for their seeds. Please do not write anything but names and addresses in the spaces below.

NAMES

POSTOFFICE

R.F.D. No.

STATE

FROM _____

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Carthage, Mo.



*Best Seeds, Garden Implements
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TUCKERS' SEED HOUSE

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Carthage Democrat Prin